PIPER

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Univair has thousands of quality FAA/PMA approved and original Piper parts specifically for the Piper J-3, J-4, J-5, PA-11, PA-12, PA-14, PA-15, PA-16, PA-17, PA-18, PA-20, PA-22, and PA-25. We have the largest inventory of parts in the world for these aircraft. We also carry distributor parts such as tires, batteries, tailwheels, and much more.

Since 1946, Univair has been here to serve the parts needs of "classic" general aviation aircraft!

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All parts listed are for both J-3 and PA-11, unless otherwise specified.

Many parts can be correctly identified by the nomenclature listed in this section. However, we suggest that you also have the correct parts manual for positive identification.

Manuals

Description	Part #	Price
Piper Cub Aircraft Log	750-111	**$18.54**
Piper Cub Engine Log	170-112	**$24.63**
J-3 Owners Manual, C-65	J3WM	**$13.33**
J-3 Paint Scheme	J3PS	**$1.13**
J-3 Parts Manual	J3PM	**$14.13**
J-3 Service Manual	J3SM	**$14.13**
J-3 Parts Manual, 1937-41	J3EPM	**$46.35**
L-4 Structural Repair Manual	01-140DA-3	**$16.22**
PA-11 Parts Manual	11PM	**$14.93**
PA-11 Paint Scheme	11PS	**$1.13**
Service Aids, Bulletins, Letters and Memos for J-3 to J-5	PBLJ	**$50.32**
Piper Inspection Report	230-3000	**$1.32**

Wings

Wings are built with Univair's one-piece, STC approved, formed aluminum wing ribs. Wings and other control surfaces come uncovered.

J-3 Wing, LH*	U15556-000	**$7,342.98**
J-3 Wing, RH*	U15556-001	**$7,342.98**
PA-11 Wing, LH	10625-000UR	**$7,542.90**
PA-11 Wing, RH	10625-001UR	**$7,542.90**

**STC/PMA approved (SA00054DE)*

Wings require additional crating charges for shipping. See *Crating and Labor Charges* in back of catalog for details.

Description	Part #	Price
Drag Strut "N" Brace Tube	U10112-007	**$42.95**
Drag Strut Lock Bolt Plate	U10151-000	**$2.26**
#2 and #3 Drag Strut, Drag Wire Pull	U10161-004	**$11.49**
#4 Drag Strut, Drag Wire Pull	U10161-005	**$11.49**
#1 Drag Strut, Drag Wire Pull	U10171-004	**$5.35**
#5 Drag Strut, Drag Wire Pull	U10171-003	**$5.35**
Drag Wire Nipple	U10201-000	**$8.62**
Tie Rod Clevis	U10221-000	**$13.02**
Spar Butt Hinge Front Fitting	U10401-000	**$28.79**
Pulley Housing (PA-11)	U10552-000	**$73.93**
Fuel Tank Cover Support (PA-11)	10633-000	**$57.14**
#2 Tank Bay Rib, LH (PA-11) (10635-003)	U1224-00	**$80.92**
#3 Drag Strut Pulley Bracket (PA-11)	U10644-000	**$49.47**
#3 Full Rib, LH (PA-11)	10653-000	**$190.75**
LH Tip Rib (10742-002)	U1202-00	**$126.99**
RH Tip Rib (10742-003)	U1202-01	**$121.89**
#3 Full Rib, RH (PA-11)	10907-000	**$129.35**
Aileron Hinge Bracket	U10912-006	**$78.07**
Bearing Block	U10921-000	**$18.34**
False Spar Aileron Hinge Bracket Clamp	U10931-002	**$16.83**
Rib Fairlead Retainer Plate (PA-11)	U11151-000	**$6.58**
#1 Channel Brace	U12252-002	**$9.54**
#3 Channel Brace	U12252-003	**$10.61**
Wing Channel Brace	U12252-004	**$9.54**
Wing Channel Brace	U12252-005	**$9.54**
#2 Channel Brace	U12252-008	**$8.30**
Rear Spar Jury Strut Fitting	U12581-000	**$15.58**
Nose Rib (12662-002)	U1200-02	**$21.82**
Nose Rib, LH at wing tank (PA-11) (12662-004)	U1200-08	**$23.88**
Rear Spar Butt Fitting (Wood Spar J-3)	U12791-000	**$62.55**
Front Spar Butt Fitting (Wood Spar J-3)	U12801-000	**$62.55**
Aileron Outboard Rib, LH (12902-000)	U1206-00	**$142.29**
Aileron Outboard Rib, RH (12902-001)	U1206-01	**$124.33**
Aileron False Spar Reinforcement Gusset	U13171-000	**$22.88**
J-3 #2 and #3 Drag Strut Cable Guide Clamp	U13481-000	**$25.48**
Rear Spar Butt Hinge Fitting	U14161-000	**$26.61**
Rear Spar Lift Strut Fitting Assembly (J-3)	U14182-000	**$26.02**
Front Spar Lift Strut Fitting Assembly (J-3)	U14192-000	**$35.63**
#5 Drag Strut	U14222-000	**$101.49**
#2 and #3 Drag Strut	U14222-002	**$103.26**
Pulley Housing on Front Spar	U14261-000	**$13.95**

Description	Part #	Price
Rear Spar Lift Strut Fitting Filler Block	U14271-000	**$27.45**
Center Aileron Hinge Bracket Attach Angle, LH	U14291-000	**$15.68**
Center Aileron Hinge Bracket Attach Angle, RH	U14291-001	**$15.41**
Jury Strut Rear Fitting Attachment	U14361-002	**$11.68**
Jury Strut Front Fitting Attachment	U14361-003	**$22.63**
Jury Strut Rear Fitting and Filler Block	U14371-002	**$14.83**
Jury Strut Front Fitting and Filler Block	U14371-003	**$18.99**
Front Wing Spar, LH	U14383-002	**$319.31**
Front Wing Spar, RH	U14383-003	**$319.31**
Front Spar #1 Strut Reinforcement Angle	U14401-002	**$10.85**
Front Spar #2 Strut Reinforcement Angle	U14401-003	**$10.13**
Front Spar #3 Strut Reinforcement Angle	U14401-004	**$9.65**
Front Spar #5 Strut Reinforcement Angle	U14401-005	**$13.57**
Rear Spar #2 Strut Reinforcement Angle	U14411-002	**$10.02**
Rear Spar #3 Strut Reinforcement Angle	U14411-003	**$12.69**
Rear Spar #5 Strut Reinforcement Angle	U14411-004	**$9.36**
Rear Wing Spar, LH	U14453-002	**$272.17**
Rear Wing Spar, RH	U14453-003	**$272.17**
Lift Strut Front Spar Filler Block (J-3)	U14461-000	**$34.94**
#1 Drag Strut Fairlead Clamp (J-3)	U14491-000	**$47.45**
Aileron False Spar Brace	U14541-000	**$30.43**
Aileron Pulley Attach Angle, LH (14571-000)	U14571-000	**$4.71**
Aileron Pulley Attach Angle, RH	U14571-001	**$4.71**
Aileron Horn Stop	U14581-000	**$93.84**
Aileron Pulley Inboard ½ LH Bracket	U14611-000	**$10.70**
Aileron Pulley Inboard ½ RH Bracket	U14611-001	**$10.70**
#1, 2, 3 Wing Bay Drag Wire	U14941-006	**$22.22**
#4 Wing Bay Drag Wire	U14941-007	**$21.97**
Inboard False Spar, LH	U15562-000	**$46.04**
Inboard False Spar, RH	U15562-001	**$49.42**
Outboard False Spar, LH	U15572-000	**$48.45**
Outboard False Spar, RH	U15572-001	**$37.86**
Front Lift Strut Fitting Spacer	U15631-002	**$13.33**
Rear Lift Strut Fitting Spacer	U15631-003	**$13.33**
Nose Rib (at Strut point) (15712-000)	U1200-05	**$30.69**
Wing Trailing Edge	U15773-000	**$65.26**
Tip Nose Rib, LH	U1216-00	**$23.49**
Tip Nose Rib, RH	U1216-01	**$35.01**
Upper "N" Brace Tube	U16462-000	**$89.25**
Lower "N" Brace Tube	U16472-000	**$96.49**
Front Spar Bow Rear Fitting	U16551-000	**$15.65**
Front Spar Bow Front Fitting	U16561-000	**$17.00**
Rear Spar Bow Front Fitting	U16601-000	**$17.16**
Rear Spar Bow Rear Fitting	U16611-000	**$11.90**
Short Fairlead Segment	U40071-000	**$0.97**
Fairlead Snap Ring	U40081-000	**$0.36**
Aileron Control Cable (in Wing)	U40123-003	**$101.71**
Long Fairlead Segment	U40701-000	**$0.96**
Pulley Housing	U41291-000	**$41.06**
Cable Fairlead	U42911-000	**$9.76**
Lower Front Fairing (J-3 Friese type)	U60361-000	**$19.61**
J-3 Fairing	U60371-000	**$47.86**
Lower Rear Root Fairing, RH (J-3 Friese type)	U60371-001	**$47.86**
Teardrop Reinforcement Patch (J-3)	U60481-000	**$5.39**
Wing Pulley Cover Cup Grommet	U60671-000	**$8.53**
Top Root Fairing, LH (Wood Spar J-3 Friese)	U60711-000	**$67.81**
Top Root Fairing, RH (Wood Spar J-3 Friese)	U60711-001	**$81.09**
Wing Pulley Fairing Cover Cup	U60752-000	**$44.22**
#2 and #3 Drag Strut Cable Guide Clamp	U80002-027	**$17.17**
Jury Strut Attach Lug	U80002-041	**$16.38**
Butt Fitting Attach Washer	80022-031	**$8.69**
Attaching Washer	U80122-011	**$0.83**
Inspection Ring	85012-078 or 483-15	**$0.72**
Air Speed Tubing Grommet	80122-051	**$4.37**
Wing Drain Grommet	U80122-053	**$3.01**
Rectangular Inspection Plate Grommet	U80541-002	**$10.87**
Tie Rod Clevis Square Washer	U81102-003	**$3.36**
Wingtip Grommet	81232-015	**$1.75**
Aileron Control Attach Link (PA-11)	U81262-036	**$13.51**
Lift Strut Clevis Bolt	U82141-000	**$15.45**
Rectangular Inspection Cover	U82461-000	**$13.23**
Pulley Bracket Spacer Bushing	U82732-024	**$9.86**

Piper Aluminum Bearing Block Repair Kit

STC APPROVED

Simple repair for most all fabric-covered Piper. Allows repair of bearing block on flap and aileron hinge, and avoids need to replace bearing blocks. Simple and practical repair. Basic kit includes 4 bushings, reamer, adhesive, and 2 new clevis pins.

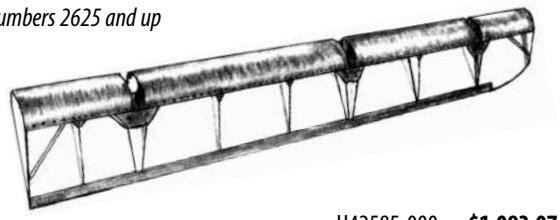
- *STC approved for use on Piper J-3, J-4, PA-11, PA-12, PA-14, PA-15, PA-16, PA-17, PA-18, PA-20, PA-22, and PA-25*
- *Provide aircraft model, registration numbers, and serial number when ordering*

Piper Bearing Block Repair Kit ..... STC-SA02128LA **$197.50**

Ailerons, Uncovered

FAA/PMA APPROVED

- *For serial numbers 2625 and up*

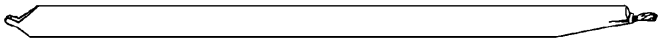


LH Aileron ..... U42585-000 ..... **$1,093.07**
RH Aileron ..... U42585-001 ..... **$1,093.07**

Struts and Clamps

FAA/PMA APPROVED

End repetitive AD inspections of your struts and forks with Univair's new sealed and oiled wing struts with ⅝ inch fork (comply with AD 2015-08-04). Struts include forks.



J-3

Front Strut *(complies with AD 2015-08-04)*	U85547-002	**$559.64**
Rear Strut *(complies with AD 2015-08-04)*	U85548-002	**$559.64**
Front Jury Strut Clamps	U12601-000	**$52.79**
Rear Jury Strut Clamps	U12611-000	**$33.05**

PA-11

Front Strut *(complies with AD 2015-08-04)*	U85554-002	**$597.71**
Rear Strut *(complies with AD 2015-08-04)*	U85555-002	**$546.16**
Front Jury Strut Clamps	U10654-000	**$39.47**
Rear Jury Strut Clamps	U10656-000	**$26.53**

One-piece, Stamped Wing Ribs

• *For J-3 and PA-11 with metal spar (FAA/PMA), see page 122.*

Lift Strut Forks

FAA/PMA APPROVED

- *High strength, heavy duty lift strut forks*
- *Stainless steel*

1) Original Style 7/16 inch Fork (complies with AD 81-25-05) ..... U13770-003 ..... **$85.43**
2) New 5/8 inch Rolled Threads, Heavy Duty Fork for use with Sealed Struts, (complies with AD 93-10-06; comes with AN316-10 nut) ..... U1600-01 ..... **$125.80**

Lift Strut Hardware for J-3 and PA-11

Bolt ..... U82141-000 ..... **$15.45**
Nut ..... AN320-5 ..... **$1.29**
Cotter Pin (AN380-3-3) ..... MS24665-283 ..... **$0.04**

J-3 Wood Spar Wing Assembly Video

This DVD provides detailed instruction relative to wing assembly demonstrating innovative functional tips and techniques along with building specialty assembly tools by noted educator, pilot, and mechanic Paul Babcock. Directed by R. Peter Carlson.

DVD ..... PB3-WSDVD **$39.95**

Wooden Wingtip Bow

FAA/PMA APPROVED

Wooden Wingtip Bow ..... U453-126 ..... **$33.88**

Metal Wing Spars for J-3 and PA-11

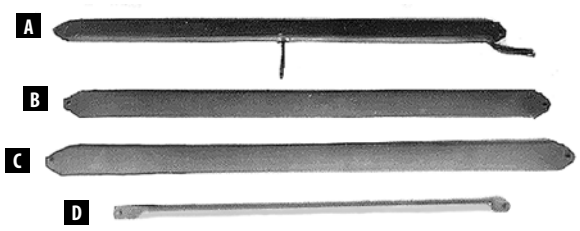
FAA/PMA APPROVED

- *Not interchangeable with wood spars*

Front, LH ..... U14383-002 ..... **$319.31**
Front, RH ..... U14383-003 ..... **$319.31**
Rear, LH ..... U14453-002 ..... **$272.17**
Rear, RH ..... U14453-003 ..... **$272.17**

Jury Struts

FAA/PMA APPROVED



A) Front Jury Strut, LH (with pitot tube) ..... U12931-000 ..... **$143.06**
B) Front Jury Strut, RH ..... U12571-002 ..... **$86.61**
C) Rear Jury Strut ..... U12571-003 ..... **$72.50**
D) Jury Strut Spacer Tube (J-3) ..... U12591-000 ..... **$69.50**
D) Jury Strut Spacer Tube (PA-11) ..... U12591-002 ..... **$61.50**

18 Gauge ¾ inch Nail for Wood Spar Wings

- *Cement coated*
- *Available by the ounce*
- *Approximately 160 per ounce*

3/4-18NAIL **$0.44**

Wing Leading Edge Skins

FAA/PMA APPROVED

- *For J-3 and PA-11 metal spar wings*

PA-11 Inboard, LH ..... U10630-000 ..... **$153.46**
PA-11 Inboard Center, LH ..... U10631-000 ..... **$129.73**
J-3/PA-11 Outboard, LH or RH ..... U13072-005 ..... **$46.16**
J-3 Inboard, LH ..... U15472-000 ..... **$132.39**
J-3/PA-11 Inboard, RH ..... U15472-001 ..... **$114.11**
J-3/PA-11 Center, LH ..... U15482-000 ..... **$125.30**
J-3/PA-11 Center, RH ..... U15482-001 ..... **$125.30**
J-3/PA-11 Tip, LH ..... U15723-000 ..... **$185.77**
J-3/PA-11 Tip, RH ..... U15723-001 ..... **$185.77**

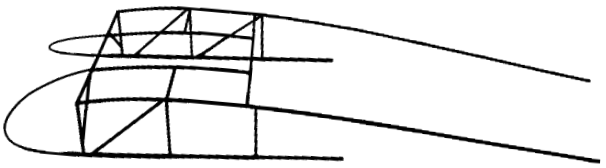
Frame

Description	Part #	Price
Rear Window Channel, RH	U10058-000	**$93.12**
Brake Unit Support (PA-11)	10134-000	**$23.85**
Stabilizer Yoke Inspection Grommet (PA-11)	U10292-000	**$9.55**
Tail Inspection Grommet	U10293-000	**$7.87**
Windshield Front Strip (PA-11)	U10793-000	**$99.67**
Stringer Attach Clip	U20391-000	**$2.56**
Stabilizer Screw Upper Bearing	20491-003	**$60.23**
Tail Skid Front U Fitting	U20631-000	**$32.08**
Rear Aileron Pulley Housing Plate, LH (PA-11)	20951-000	**$9.81**
Rear Aileron Pulley Housing Plate, RH (PA-11)	20951-001	**$9.81**
Front Aileron Pulley Housing Plate, LH (PA-11)	U20961-000	**$9.40**
Front Aileron Pulley Housing Plate, RH (PA-11)	U20961-001	**$9.40**
Stabilizer Rear Support	U21161-000	**$118.03**
Front Landing Gear Fitting	U21272-002	**$130.41**
Wing Hinge Front Fitting	U21431-000	**$62.69**
Stabilizer Adjustment Crank Bracket, LH	J21571-000	**$10.66**
Stabilizer Adjustment Crank Bracket, RH (21571-001)	J21571-000	**$10.66**
Front Fairing Tube	R21872-000	**$107.76**
J-3 Frame Cowl (U22443-000)*	U23993-000	**$772.14**
**Must be sent motor freight; additional crating charges CR13 apply*		
J-3 Front Windshield Strip	U23942-000	**$56.46**
J-3 Rear Windshield Strip	U23952-000	**$56.46**
Rudder Pedal and Floorboard Front Attach Fitting	U24121-002	**$6.05**
Door Plunger Assembly	U50131-000	**$47.50**
Latch Link Assembly	50192-000	**$61.36**
Yoke Inspection Cover, LH	U60571-000	**$19.62**
Yoke Inspection Cover, RH	U60571-001	**$19.62**
Tail Inspection Panel, LH	U60742-000	**$28.22**
Tail Inspection Panel, RH	U60742-001	**$28.22**
Landing Gear and Lift Strut Bushing	U80012-063	**$3.97**
Stabilizer Screw Lower Bearing	80022-020	**$9.26**

Description	Part #	Price
Tail Tie Rod Plate (J-3)	80292-015	**$13.60**
Rectangular Inspection Plate Grommet	U80541-002	**$10.87**
Front Landing Gear Fitting Gusset	81272-015	**$4.09**
Front Seat Rear Attach Clamp	U81332-009	**$16.42**
Engine Mount and Bulkhead Bushing	U82341-002	**$18.26**

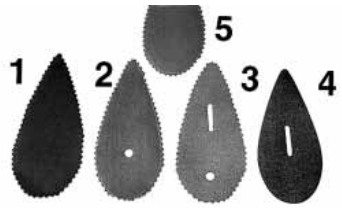
J-3 Top Deck Superstructure

FAA/PMA APPROVED



J-3 Superstructure	U24096-002	**$1,649.00**
J-3 Top Cabin Section	U10561-005	**$1,226.83**

Reinforcements



1) U60481-000 ..... **$5.39**
2) U60863-005 ..... **$6.74**
3) U60863-002 ..... **$3.01**
4) U60863-003 ..... **$3.04**
5) U60863-009 ..... **$8.24**

For your covering and finishing needs, see the **Paint, Dope and Covering Supplies** section beginning on page 275. Univair stocks Tempo, Poly-Fiber, Randolph, Ceconite, and other fine lines.

Common Piper Grommets

For drain grommets, see the **Paint, Dope and Covering Supplies** section beginning on page 275.

1) Grommet, Tail	U10292-000	**$9.55**
2) Grommet	U10984-000	**$13.73**
3) Grommet	U85012-049	**$3.75**
4) Grommet	80122-051	**$4.37**
5) Grommet, Inspection Plate	U85012-078	**$6.60**
6) Grommet, Strut	U15761-000	**$6.40**
7) Grommet, Tail (used on PA-25 and later PA-18's)	U64834-000	**$26.02**
8) Grommet, Tail	U10293-000	**$7.87**
9) Grommet	U80541-002	**$10.87**
10) Grommet, Pulley Cover	U60671-000	**$8.53**

Order online at
www.univair.com

Control System

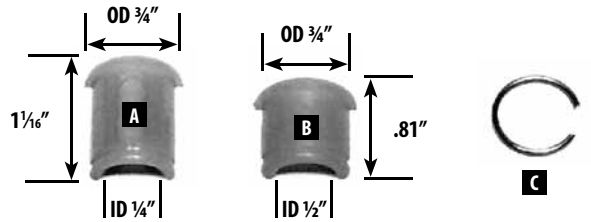
Description	Part #	Price
Stabilizer Tube Yoke Link (J-3), SN 2740 to 4132 (40771-000)	U14180-002	**$201.45**
Elevator Cable Attach Link, Rear-Upper (PA-11)	U10449-000	**$25.11**
Throttle Lever Knob (PA-11)	U10911-000	**$9.13**
Stabilizer Indicator Cover Plate (PA-11), Black	U10936-000BK	**$53.06**
Red	U10936-000RED	**$53.06**
Flap Return Spring (PA-11)	U10940-000	**$24.65**
Torque Tube Bearing	21811-003	**$140.89**
Short Fairlead Segment	U40071-000	**$0.97**
Fairlead Ring	U40081-000	**$0.36**
Fin Tie Rod Clevis Washer	U40131-000	**$6.72**
Control Stick	U40231-000	**$90.27**
Control Stick Connect	U40261-000	**$145.14**
Bellcrank	U40663-004	**$603.25**
Stabilizer Adjustment Idler Yoke	U40651-000	**$31.55**
Long Fairlead Segment	U40701-000	**$0.96**
Stabilizer Cable Guide Rubbing Block	U40721-000	**$32.92**
Stabilizer Guide Rubbing Plate	U40731-000	**$8.12**
Stabilizer Adjustment Link Tube (40771-000)	U14180-002	**$201.45**
Stabilizer Indicator Wire Pulley Housing	U40821-003	**$8.36**
Rudder Pedal, LH	U40842-004	**$116.28**
Rudder Pedal, RH	U40842-005	**$116.28**
Rudder Pedal Spring	U40941-000	**$8.31**
Upper Tail Brace Wire	U41031-002	**$31.14**
Lower Tail Brace Wire	U41031-003	**$27.40**
Trim Crank Plate	U41101-000	**$20.29**
Stabilizer Crank Assembly	U41111-000	**$93.12**
Stabilizer Indicator	U41121-000	**$25.49**
Spring (for Escutcheon)	U41151-000	**$7.08**
Torque Tube Bearing Shim	U41371-005	**$6.53**
Wing Pulley Housing on Strut	U41421-000	**$17.15**
Throttle Lever	U41491-000	**$56.40**
Throttle Lever Connecting Link	U41551-000	**$45.04**
Stabilizer Screw Pulley Key	U41631-000	**$11.82**
Stabilizer Indicator Wire	U42664-003	**$17.77**
Stabilizer Adjustment Yoke	U42692-000	**$212.22**
Control Stick Lower Stub	U42792-000	**$292.84**
Control Stick Assembly	42812-000	**$288.66**
Rear Control Stick (PA-11)	42812-002	**$288.66**
Stabilizer Indicator Spring J-3 SN 13982 and up, and all PA-11's	U42891-000	**$5.53**
Cable Fairlead	U42911-000	**$9.76**
Stabilizer Adjustment Screw (42961-00)	U42961-102	**$82.52**
Fin Leading Edge Fairing	U60602-000	**$92.43**
Cable Fitting	U70371-000	**$35.89**
Stabilizer Indicator Wire Attach Clamp	80002-015	**$11.82**
Wing Aileron Pulley Bushing	U80012-003	**$4.37**
Frame Aileron Pulley Bushing	U80012-004	**$5.47**
Stabilizer Tie Rod Clevis Bushing	U80012-006	**$13.16**
Control Surface Bushing, Long	U80022-044	**$0.93**
Control Surface Bushing, Short	U80022-045	**$1.17**
Washer	80122-007	**$4.49**
Clevis Pin Washer	U80122-086	**$1.65**

Stabilizer Link Attach Washer	U80122-024	**$3.07**
Stabilizer Screw Pulley Washer	U80122-041	**$9.80**
Stabilizer Rear Liner Tube (80132-010)	U86062-079	**$55.46**
Stabilizer Front Liner Tube, SN 4133 and up (80132-011)	U86062-080	**$92.03**
Attaching Clamp	U80222-003	**$14.20**
Friction Lug	U81172-020	**$6.30**
Attach Link	U81262-008	**$9.03**
Stabilizer Screw Pulley Washer	U81342-005	**$6.83**
Elevator Bellcrank to Cable Link Washer for J-3	81342-019	**$0.09**
Throttle Friction Washer	U81342-020	**$2.44**
Frame Aileron Pulley Washer	U81342-042	**$1.89**
Aileron Cable Attach Link (PA-11)	U81352-011	**$7.67**
Bungee Pulley Housing (PA-11)	U81381-000	**$58.30**
Pulley Locking Pin	81761-004	**$9.10**
Stabilizer Crank Lock Pin	81761-011	**$7.40**
Attach Washer (AN940-10)	U85012-006	**$2.45**

Fairleads

FAA/PMA APPROVED

- *Fairleads sold in halves*



A) Long Fairlead Segment	U40701-000	**$0.96**
B) Short Fairlead Segment	U40071-000	**$0.97**
C) Snap Ring	U40081-000	**$0.36**

Toll Free Sales • 1-888-433-5433
Shop online at www.univair.com

Tail Brace Wires

FAA/PMA APPROVED

- *Round type to comply with AD 60-01-07*
- *Stainless steel wires and clevis*

Upper Wire Assembly	U10555-002	**$153.92**
Lower Wire Assembly	U10556-002	**$153.92**
Original Installation Kit*	10555-KIT	**$46.30**

**For first time round wires are installed*
See page 90 for additional details

Top wire clevis *Bottom wire clevis* *Square washer* *Brass nipple*

Top Wire, Upper Clevis (replaces 40521-008)	U61341-003	**$24.56**
Top Wire, Lower Clevis (replaces 40521-007)	U61341-002	**$32.54**
Bottom Wire, Upper Clevis (replaces 40521-009)	U61341-004	**$35.44**
Bottom Wire, Lower Clevis (replaces 40521-010)	U61340-000	**$32.54**
Square Washer	U81102-002	**$4.49**
Brass Nipple	U41051-000	**$22.41**
Jam Nut	AN315-5	**$0.34**
Clevis Bushing	U82732-072	**$4.75**

Piper Control Cable

FAA/PMA APPROVED

- *Used for mixture, cabin heat, carb heat and other applications*
- *65" long, less knob*

Push-Pull Cable ..... U16775-000 .... **$55.09**

J-3 and PA-11 Control Cables

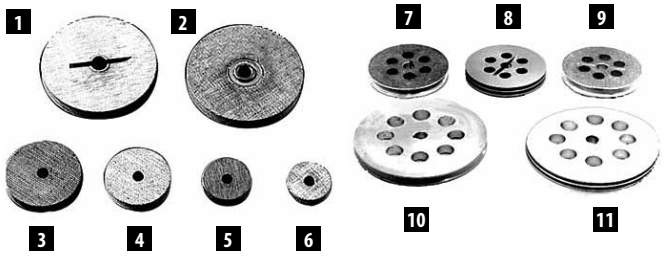
FAA/PMA APPROVED

Description	Qty. Req'd.	Galvanized Steel	Price	Stainless Steel	Price
PA-11 Rudder Cable	2	10865-000	**$159.71**	U10865-005	**$172.64**
PA-11 Elevator to Upper Horn	1	U10869-000	**$87.72**	U10869-003	**$99.21**
PA-11 Elevator to Lower Horn	1	U10870-000	**$108.40**	—	—
J-3 Rudder Cable	2	U40123-002	**$108.52**	U40123-002S	**$143.70**
J-3 Aileron Control	2	U40123-003	**$101.71**	U40123-003S	**$127.54**
J-3 Aileron on Lift Strut, SN 1 to 8277	2	U40123-004	**$134.34**	U40123-004S	**$167.43**
J-3 Elevator to Lower Horn	1	U40123-005	**$124.95**	U40123-005S	**$143.06**
J-3 Elevator to Upper Horn	1	U40123-006	**$86.07**	U40123-006S	**$116.78**
PA-11 Aileron on Lift Strut	2	U40123-028	**$99.76**	U40123-028S	**$107.59**
J-3 Aileron on Lift Strut, SN 8278 and up	2	U40123-034	**$102.48**	U40123-034S	**$116.82**
J-3, PA-11 Trim Cable	1	U41671-002	**$225.24**	41671-008	**$211.30**
Piper Special Turnbuckle Fork	—	U461-132	**$38.20**	—	—
Turnbuckle Assembly	—	U42722-000	**$105.04**	—	—

U461-132

Piper Pulleys

FAA/PMA APPROVED



Description	O.D.	I.D.	Part #	Price
1) Pulley, trimcrank with bushing (fiber)	2¾ inch	⅜ inch	U41171-000	**$56.64**
1a) Pulley (no slot)	2¾ inch	⅜ inch	U40991-000	**$13.44**
2) Pulley, with bearing (fiber) (41001-010)	2¾ inch	5/16 inch	U41001-008	**$46.68**
3) Pulley (fiber)	1¾ inch	¼ inch	U80421-000	**$8.31**
4) Pulley (fiber)	1½ inch	¼ inch	U481-609	**$7.66**
5) Pulley (fiber)	1⅛ inch	¼ inch	U11200-000	**$11.16**
6) Pulley (fiber)	1 inch	¼ inch	U43001-000	**$13.35**
7) Pulley, stabilizer screw (aluminum)	2¾ inch	⅜ inch	U43061-000	**$88.38**
8) Pulley, double groove (aluminum)	2¾ inch	⅜ inch	U12983-000	**$50.80**
9) Pulley, trimcrank (aluminum)	2¾ inch	⅜ inch	U10080-000	**$117.08**
10) Pulley, adjustment screw (aluminum), single groove	4 inch	⅜ inch	U11008-000	**$137.25**
11) Pulley, adjustment screw (aluminum), double groove	4 inch	⅜ inch	U12982-000	**$103.30**

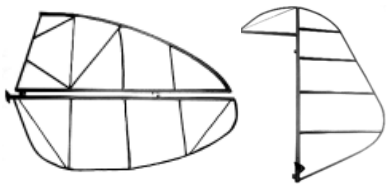
Liner Tubes

FAA/PMA APPROVED

A) Link Assembly Liner Tube (80132-011) ..... U86062-080 ..... **$92.03**
B) Rear Liner Tube (80132-010) ..... U86062-079 ..... **$55.46**

Tail Surfaces

- *For J-3 (SN 4133 and up)*
- *For all PA-11*



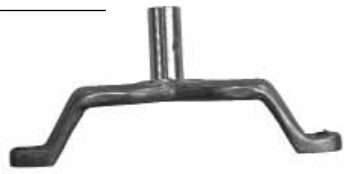
LH or RH Elevator, uncovered ..... U40572-000 ..... **$495.49**
Vertical Fin, uncovered ..... U40592-000 ..... **$395.00**
Rudder, uncovered ..... U41313-000 ..... **$511.12**
LH or RH Stabilizer, uncovered ..... U40643-000 ..... **$511.12**
Rudder Attachment Hardware ..... PSK-1 ..... **$20.76**
Elevator Attachment Hardware ..... PSK-2 ..... **$43.09**
Steel Strobe Light Bracket (for top of rudder) (FAA field approval required) ..... U15722-002 ..... **$107.91**

Chassis and Landing Gear

Description	Part #	Price
Anchor Pin (750-006)	A20-54	**$15.82**
Felt Retainer Washer (750-010)	UA56-4	**$11.68**
Side Lock Ring (750-025)	A85-118	**$8.00**
Felt Retainer Ring (750-026)	UA85-218	**$24.24**
Bearing Cone (750-063)	08125	**$49.66**
Bearing Cup (750-064)	08231	**$20.98**
Felt Retainer (750-065)	B227-52	**$0.90**
Master Cylinder Diaphragm (2844)	U750-384	**$30.09**
Diaphragm Pad (750-385)	U2003-001	**$29.87**
Master Cylinder Spring (750-386, 1256)	U1256A-000	**$13.32**
Tailwheel Bronze Bushing (750-722)	U1800A	**$47.93**
Tailwheel Hub Assembly (750-752)	U1967A-000	**$382.54**
Brake Line (copper)	U10034-000	**$46.41**
PA-11 Shock Cord Cover	U10566-000	**$54.20**
PA-11 Shock Cord Cover End Plate	U10567-000	**$71.27**
Axle Nut 1¼ inch	U30491-000	**$56.64**
Tailwheel Spring	U30512-002	**$45.00**
Tailwheel Spring	U30512-003	**$46.50**
Tailwheel Spring	U30512-004	**$46.76**
Tailwheel Spring	U30522-000	**$34.43**
Tailwheel Spring Clamp (J-3, SN 10399 and up)	U30531-000	**$23.19**
Flex Brake Line	U71061-004	**$126.94**
Landing Gear Bushing, 5/16 inch (J-3)	80022-026	**$11.34**
Landing Gear Bushing, ⅜ inch (J-3)	U80022-063	**$7.02**
Washer	U80122-041	**$9.80**
Step	U81903-002	**$183.64**
J-3 and PA-11 Complete Tailwheel Spring Assembly	J3TWSHR	**$126.61**

Rudder Arm

- *Supercedes part number 750-330*
- *Applicability: Piper J-3, L-4, NE-1, NE-2, J-4, L-4E, L-4F, PA-11, AE-1, HE-1, PA-12, PA-14, PA-15, PA-16, PA-17, PA-18, L-18C, L-21A, L-21B, PA-19, PA-25*



Rudder Arm (750-330) ..... U1140A-000 ..... **$160.76**

Shock Cord Covers

- *Priced and sold individually*

Original vinyl

Velcro-type

Original Vinyl J-3 Shock Cord Cover ..... U31073-000 ..... **$31.71**
- *FAA/PMA approved*

Velcro-type Shock Cord Cover ..... 31073-SC **$37.15**
- *Allows for easy installation and removal*

Piper Hub Caps

FAA/PMA APPROVED

• *Stamped metal, not plastic!*

Steel

• *For original 8.00 x 4 Goodrich wheels*
• *Raised lettering, stamped "CUB"*

Stamped with "CUB" ..... U31702-000 ..... **$30.69**
Plain (primed only) ..... U31702-002 ..... **$26.56**

Aluminum

• *For 6.00 x 6 Cleveland conversion wheels*
• *Raised lettering, stamped "CUB"*

Stamped with "CUB" ..... U1680-00 ..... **$26.74**
Plain (bare aluminum) ..... U1680-02 ..... **$24.96**

Cub Mask

Fits over the raised letters on the above hub caps and makes the job of painting cleaner and neater. Set of 2.

Cub Mask ..... CUB-MASK..... **$12.50**

Landing Gear Parts

FAA/PMA APPROVED

Cabane Vee Assembly

J-3, SN 8278* and up, and all PA-11 SN's ..... U30602-006 ..... **$231.92**
**Required on J-3's upgraded to 1220 gross weight*

Short Shock Strut

J-3, SN 1 to 8277 ..... U30442-006 ..... **$282.42**
J-3, SN 8278 and up, and all PA-11 SN's ..... U31392-000 ..... **$303.45**
Leather Bumper ..... U81232-030 ..... **$3.16**

Long Shock Strut

J-3, SN 1 to 8277 ..... U30562-000 ..... **$193.34**
J-3, SN 8278 and up ..... U31382-000 ..... **$274.89**
PA-11 ..... U10537-002** **$255.82**
***U10537-002 replaces 10537-000*

Shock Strut Assembly

J-3, SN 8278 and up ..... U31423-000 ..... **$739.50**
PA-11 ..... U10536-002 ..... **$784.89**

Stabilizer Yoke and Adjustment Screw

FAA/PMA APPROVED

Yoke ..... U42692-000... **$212.22**
Adjustment Screw ..... U42961-102 ..... **$82.52**

Landing Gear

FAA/PMA APPROVED

• *For heavy duty gears, see **Landing Gear** in the PA-18 section*

Left Gear, uncovered
U10033-006 ..... **$571.70**

Right Gear, uncovered
U10033-005 ..... **$571.70**

Shock Cords

FAA/PMA APPROVED

• *4 required per aircraft*
• *Priced and sold individually*

J-3, SN 1 to 8277 (1174) ..... U30462-002 ..... **$32.47**
J-3, SN 8278 and up (1280HD) ..... U31322-005 ..... **$24.03**

Tailwheel Spring Assembly

FAA/PMA APPROVED

J-3 and PA-11 ..... J3TWSHR **$126.61**

Brake System

Description	Part #	Price
Master Cylinder, LH (451-700)	U1248A	**$995.00**
Master Cylinder, RH (451-701)	U1260A	**$995.00**
Brake Bleeder Tee Fitting (451-771)	B57-239	**$88.95**
J-3 45° Elbow (460-663)	3350X2	**$3.56**
Retracting Spring (750-029)	B21-35	**$6.90**
Brake Block (750-033)	B27-59-1	**$53.62**
Brake Inner Fairing (750-035)	B51-72	**$79.25**
Brake Frame (J-3 SN 1999 to 4411)	750-038	**$11.93**
Brake Frame (750-039)	D12-101	**$20.66**
Brake Frame Flange (750-041)	D15-25	**$37.30**
Control Rod (J-3)	750-049	**$72.23**
Brake Piston Rod (J-3)	750-051	**$17.52**
Master Cylinder Piston (750-295)	U1383A-000	**$51.11**
Washer	80122-007	**$4.49**
Attaching Washer	U80122-011	**$0.83**
Attaching Link	U81262-008	**$9.03**
Front Rudder Pedal Attach Washer, Upper	85012-004	**$1.75**
Front Rudder Pedal Attach Washer, Lower	U85012-005	**$1.83**
Brake Pedal Block	U41521-000	**$73.12**
Brake Pedal Block	41531-000	**$61.03**
Brake Pedal Stop Block	U41561-000	**$20.43**
Brake Pedal Tie Rod	U41581-004	**$60.69**
Brake Line Assembly (J-3 SN 16588 and up, and all PA-11 SN's)	U71061-004	**$126.94**

Master Cylinder

FAA/PMA APPROVED

Detail replacement parts available. See **Tires, Wheels, and Brakes** section on page 344.

LH (new) ..... U1248A **$995.00**
RH (new) ..... U1260A **$995.00**

Cleveland Wheel and Brake Kit

Convert from your Goodrich Wheels and Brakes to the new Cleveland Wheels and Brakes. Uses the 6.00 x 6 tires. FAA 337 or STC approval required for installation. Request STC SA11RM-1.25 when you purchase this kit and it is available at no charge.

Cleveland Conversion Kit ..... 199-07100 ..... **$1,989.00**

Installation may require:

Lines (2 each) ..... U60703-002 ..... **$50.70**
Elbows (2 each) (558-819) ..... 502X4 ..... **$15.82**
Elbows (2 each) (460-677) ..... 402X4 ..... **$3.50**
STC, for 1¼ inch axle ..... STC-SA11RM-1.25 ..... **$96.86**
Stamped Metal "CUB" Hubcaps:
6.00 x 6 for Cleveland Conversion wheels ..... U1680-00 ..... **$26.74**
Cub Mask (see description on page 57) ..... CUB-MASK **$12.50**

Goodrich Brake Assembly Parts

- *For all Pipers with 8.00 x 4 wheels*
- *While supplies last!*

Brake Block (750-033) .... B27-59-1 .... **$53.62**
Spring (750-029) ..... B21-35 ..... **$6.90**
Shield (750-093) ..... A72-30 .... **$21.69**

Grove 800 x 4 Disk Brake Conversion

STC APPROVED

- *For Goodrich wheels and brakes only*
- *Maintain your classic look*
- *Use your existing wheels, tires and tubes*
- *Use your existing master cylinder and brake lines*
- *Easy installation – all parts and special tools included*

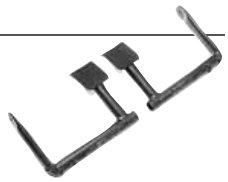
Grove Brake Conversion ..... 76002 ..... **$859.00**

Goodrich Brake Drum (Hayes)

- *Inside must be machined after assembly*

Drum (750-894) ..... B13-4 ..... **$191.27**
Flat Head Rivets (6 required)
(750-895) ..... AN441-6-6P **$0.44**

Brake Pedals



J-3, Left ..... U41602-002 ..... **$116.28**
J-3, Right ..... U41602-003 ..... **$116.28**
PA-11, Left ..... 10734-000 ..... **$124.61**
PA-11, Right ..... 10734-001 ..... **$124.61**

Brake Lines

FAA/PMA APPROVED

- *From brake master cylinder to copper line on gear vee*

Brake Line ..... U71061-004 ..... **$126.94**

Windows and Windshields

Description	Part #	Price
J-3 Windshield	10009-000	**$178.94**
J-3 Front Window, LH	10041-000	**$40.84**
J-3 Rear Window, LH	10046-000	**$56.43**
J-3 Rear Window, RH	10047-000	**$46.04**
J-3/PA-11 Door Window	10051-000	**$74.25**
J-3/PA-11 Top Deck Skylight	10056-000	**$59.40**
J-3/PA-11 Sliding Window Assembly	U50761-000	**$157.59**
Glass Only	U50761-002	**$50.70**
PA-11 Rear Window	10545-000	**$37.87**
PA-11 Windshield	10673-000	**$215.33**

Note: The above windows are clear. For a listing of stocked tinted windows, please refer to the J-3 and PA-11 listings in our ***Windows and Windshields*** *section beginning on page 379.*

Cockpit Enclosure

Description	Part #	Price
Top and Side of Door Enclosure Rubber Moulding, priced per foot (PA-11)	187-610	**$1.41**
Non-Recording Tachometer Shaft (486-565)	U1713-N340	**$111.48**
Rear Window Trim Strip, LH	U10044-000	**$46.35**
Airspeed Tube	10554-000	**$12.26**
Window Attach Trim Strip, RH (PA-11)	10668-000	**$19.61**
Rear Floorboard (PA-11)	U10799-000	**$122.16**
Aileron Pulley Housing (J-3 SN 8278 and up, and all PA-11 SN's)	U50042-000	**$26.09**
Inside Channel Cover	U50301-000	**$19.08**
Canvas Seat Back, Front Seat (J-3)	50982-000	**$45.90**
Door Weatherstrip	52841-000-4	**$20.84**
Windshield Strip, LH (J-3)	53922-017	**$43.39**
Top Deck Rear Trim Strip	U54581-000	**$18.74**
Wing Root Fairing, LH	U60803-000	**$19.33**
Wing Root Fairing, RH	U60803-001	**$19.33**
Wing Butt Rear Fairing	U60882-000	**$21.72**
Safety Belt Connector Link	U80002-042	**$59.84**
Primer Pump Spacer Bushing	U80012-065	**$10.85**
Attaching Clamp	U80222-003	**$14.20**
Attaching Link	U81262-008	**$9.03**
Window Attaching Washer	U81342-045	**$3.39**

J-3 Blank Instrument Panel

FAA/PMA APPROVED

- *Original Shape*
- *Aluminum*
- *Arrange your instrument panel to suit your specific needs!*

J-3 Blank Instrument Panel..... U54703-000 .....**$54.93**

Cowling and Engine

Description	Part #	Price
J-3 Fuel Line Nipple (460-656)	3326X4	**$0.72**
J-3 Fuel Line Elbow (460-659)	352X6	**$5.75**
J-3 Fuel Line Elbow (460-661)	3400X4	**$5.57**
J-3 Inverted Nut (460-665)	105X2	**$0.69**
Jet Primer (straight type J-3) (468-340)	U31197-000	**$43.96**
Felt Washer	494-005	**$1.87**
Elbow (J-3)	496-289	**$2.48**
PA-11 Engine Mount	U10576-000	**$613.09**
Exhaust Stack, RH (PA-11)	U10760-000	**$1,595.35**
Muffler Shroud (PA-11)	U10762-000	**$290.62**
Exhaust Shroud, LH Upper (PA-11)	U10764-000	**$129.27**
PA-11 Top Cowl	U10808-000	**$144.25**
PA-11 Bottom Cowl	U10809-000	**$295.35**
Rear Side Baffle, LH (PA-11)	10830-000	**$50.71**
Rear Side Baffle, RH (PA-11)	10832-000	**$72.46**
Front Side Baffle, LH (PA-11)	10835-000	**$57.43**
Lower Exhaust Shroud, LH (PA-11)	U10843-000	**$174.27**
Upper Exhaust Shroud, RH (PA-11)	U10845-000	**$130.41**
Lower Exhaust Shroud, RH (PA-11)	U10846-000	**$172.08**
Baffle Hanger Support (PA-11)	U10920-000	**$16.91**
Inner Cylinder Baffle – Inner (PA-11)	10922-000	**$10.66**
Inner Cylinder Baffle – Outer (PA-11)	U10923-000	**$20.37**
Cabin Heater Control Bracket (J-3)	70211-000	**$7.35**
Cable Fitting	U70371-000	**$35.89**
Muffler Stack Connecting Clamp Assembly (J-3)	U70591-002	**$25.41**
Engine Mount Throttle Control Clamp	70801-000	**$46.48**
J-3 Baffle Assembly, LH	U70873-002	**$443.93**
J-3 Baffle Assembly, RH	U70873-003	**$443.93**
J-3 Muffler Shroud	U70963-000	**$375.34**
J-3 Engine Mount (Continental 65hp)	U71163-000	**$820.33**
Slide Clip (J-3)	U71261-000	**$46.30**
Baffle Tie Rod (PA-11)	71451-003	**$40.71**
Fuel Strainer Bracket Assembly	U71991-000	**$57.15**
Engine Baffle Bracket	U72201-000	**$58.65**
Air Intake (J-3)	U72522-000	**$234.35**
Nose Cowl Bracket, RH, (J-3, w/Continental A-65)	U72571-000	**$77.93**
Nose Cowl Bracket, LH, (J-3, w/Continental A-65)	U72651-000	**$69.22**
Engine Breather Line Clamp	72941-000	**$7.30**
Nose Cowl Bracket, LH, (J-3 Franklin 65hp)	72951-000	**$16.50**
Nose Cowl Bracket, RH, (J-3 Franklin 65hp)	72961-000	**$18.76**
Cold Air Intake Cover Plate (J-3)	U73951-000	**$30.09**
J-3 Engine Mount (Lycoming 50-65hp)	74234-000	**$392.08**
J-3 Bottom Cowl, SN 10339 and up	U74613-000	**$816.19**
Exhaust Stack (J-3 Franklin 65hp)		
LH	73083-000	**$451.60**
RH	73133-000	**$396.04**
Motor Mount Cowl Bracket (J-3 Lycoming 65hp)		
LH	74261-000	**$19.51**
RH	74271-000	**$19.29**
Throttle Control Cable Clamp (J-3)	80002-003	**$4.79**
Tailpipe Brace Attach Clamp (PA-11)	U80002-020	**$20.49**
Tailpipe Brace Attach Clamp (J-3)	U80002-022	**$29.66**
Cable Guide Clamp (PA-11)	U80002-027	**$17.17**
Carburetor Heat Control Cable Clamp (J-3)	U80032-034	**$15.49**
Filler Neck Washer (J-3)	U80122-048	**$5.86**
Fiber Washer	U81342-022	**$4.37**
Crankcase Breather Tube	U84332-000	**$72.78**
Continental Propeller Front Plate (10351)	U3991	**$115.89**

Flexible Oil Pressure Hose

FAA/PMA APPROVED

Oil Pressure Hose.....U71061-000..... **$105.32**

J-3 All-Aluminum Cowling

FAA/PMA APPROVED

Firewall J-3 (galvanized steel) ..... U22453-000 ..... **$98.59**
J-3 Frame Cowl* ..... U23993-000 ..... **$772.14**
J-3 Top Cowl, Front Piece Only..... U74353-000 ..... **$344.80**
J-3 Bottom Cowl, Front Piece Only ..... U74334-000 ..... **$409.84**

**Must be sent motor freight; additional crating charges CR13 apply*

Top Cowl

FAA/PMA APPROVED

- *For Piper J-3*

U72543-000..... **$608.89**

Bottom Cowl

FAA/PMA APPROVED

- *All-aluminum*
- *For Continental powered J-3*
- *SN 10399 and up*

J-3 Bottom Cowl .....U74613-000..... **$816.19**

J-3 Fuselage Cowl

FAA/PMA APPROVED

Fuselage Cowl (less strips)* ... U23993-000 .... **$772.14**
Forward Windshield Strip..... U23942-000 ..... **$56.46**
Rear Windshield Strip..... U23952-000 ..... **$56.46**

**Must be sent motor freight; additional crating charges CR13 apply*

Engine Mount

FAA/PMA APPROVED

J-3 Mount .....U71163-000*.....**$820.33**
PA-11 Mount C90.....U10576-000.....**$613.09**

**Part number U71163-000 is approved to accommodate the O-200 engine, and it is the required mount for the O-200 engine installation STC-SA107RM and STC-SA7435SW.*

Exhaust Gaskets

- *New stainless steel exhaust gaskets*
- *For Continental engines*
- *2 required per port*

Exhaust Gaskets ..... 632837 .....**$2.87**

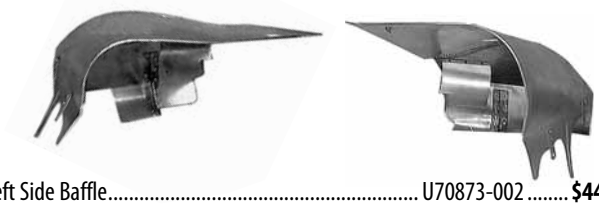
Cabin Heat Boxes

FAA/PMA APPROVED

Cabin Heat Boxes
(A) J -3 ..... U70422-000 .....**$320.33**
(B) PA-11 ..... U10987-000 .....**$453.32**
(C) Piper Scoop Assembly..... U70442-002 .....**$319.39**

All-Aluminum J-3 "Eyebrow" Baffles

FAA/PMA APPROVED



Left Side Baffle..... U70873-002 ..... **$443.93**
Right Side Baffle ..... U70873-003 ..... **$443.93**

Air Induction "Y"

FAA/PMA APPROVED

- *For J-3 bottom cowl*

U72522-000 ..... **$234.35**

All-Metal PA-11 Cowling

FAA/PMA APPROVED

PA-11 Nose Cowl for screw fasteners
U10802-000 ..... **$1,035.20**
PA-11 Nose Cowl for Lion fasteners
U10802-005 ..... **$1,035.20**
PA-11 Top Cowl
U10808-000 .....**$144.25**
PA-11 Bottom Cowl..... U10809-000 ..... **$295.35**
PA-11 Fusealge Cowl..... U10789-000 ..... **$893.01**
PA-11 Side Cowl, LH..... U10810-000 ..... **$337.61**
PA-11 Side Cowl, RH..... U10810-001 ..... **$337.61**

Cowl Stud

FAA/PMA APPROVED

For J-3 bottom cowl

U72501-000 ..... **$28.18**

Carburetor Air Box

FAA/PMA APPROVED

- *For 4-cylinder Continental engines*

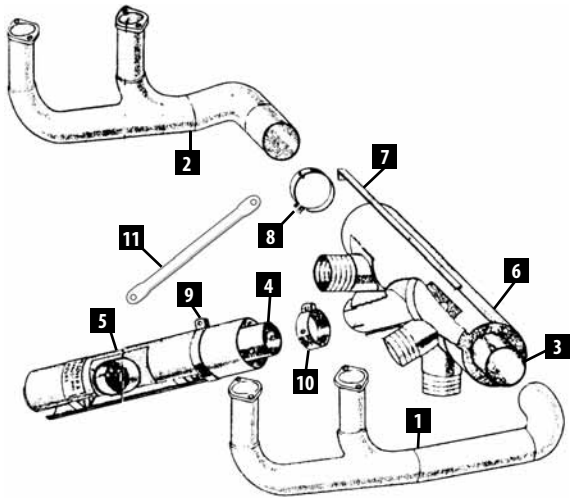
Carburetor Air Box
for C-75, C-85, C-90 engines.....UA50256....**$515.52**
for A-65 engines.....UA50495....**$483.73**
Air Filter only (40599)..... 600314.....**$73.25**
Gasket..... 652142.....**$6.91**

Doing structural repairs?
See the **Raw Materials** section of this catalog for 4130 Steel Tubing

J-3 Exhaust System

FAA/PMA APPROVED

- *New manufactured*
- *FAA/PMA approved*
- *Stainless steel*
- *Original design*
- *Exhaust headers and muffler with safety bail already installed*



1) Left Exhaust Stack..... U71082-000 ..... **$637.50**
2) Right Exhaust Stack ..... U70671-000 ..... **$637.50**
3) Muffler Assembly, less shroud ..... U71053-002 ..... **$675.74**
4) Tailpipe ..... U74501-000 ..... **$252.30**
5) Tailpipe Shroud ..... U70912-000 ..... **$194.81**
6) Muffler Shroud..... U70963-000 ..... **$375.34**
7) Slide Clip..... U71261-000 ..... **$46.30**
8) Muffler Stack Connecting Clamp (2 required) ..... U70591-002 ..... **$25.41**
9) Tailpipe Brace Clamp..... U80002-022 ..... **$29.66**
10) Muffler Clamp..... U72691-000 ..... **$24.99**
11) Brace..... U70581-000 ..... **$59.56**

J-3 Eyebrow Fairing Bracket

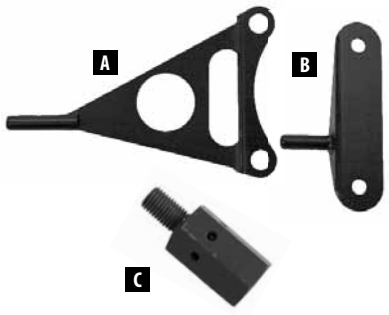
FAA/PMA APPROVED

U72201-000 ..... **$58.65**

Cowling Brackets

FAA/PMA APPROVED

• For J-3 with Continental A-65 engine



A) Cowl Bracket, RH
U72571-000 ..... **$77.93**

B) Cowl Bracket, LH*
U72651-000 ..... **$69.22**

**Must use adapter 23130 below*

C) J-3 Cowl Bracket
Nut Adapter for C-85
23130 ..... **$77.87**

Continental Engine Mount Bushings

• 8 required per installation
• Priced and sold individually

Continental Bushings ..... U22387A **$12.42**

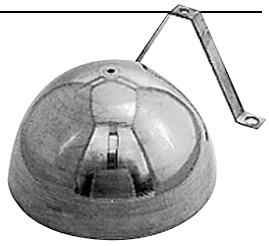
Continental Carburetor Air Intake Support Assembly

FAA/PMA APPROVED

UA35917 ..... **$88.56**

Skull Cap Spinner

• May not fit all taper shaft installations



Small Skull Cap Spinner and Bracket
SM-SPIN-ASY **$69.53**
Small Skull Cap Spinner
U0450279 ..... **$55.40**
Spinner Bracket
U0450281 ..... **$17.78**

Propeller Bolt Kits

CM Series Flange Shaft ..... UB4622-9 ..... **$119.25**
CM Series Taper Shaft ..... UB4622-42 ..... **$100.25**

Throttle Cable

FAA/PMA APPROVED

• For J-3 and PA-11
U12694-002 ..... **$406.51**

Continental Front Prop Plate

FAA/PMA APPROVED

• Flanged or tapered crankshaft installation

Front Prop Plate ..... U3991 ..... **$115.89**

Fuel System

Description	Part #	Price
Primer	U451-100	**$307.83**
Fuel Hose Attach Clamp (PA-11)	454-903	**$1.79**
Fuel Line Elbow (458-904)	AN914-1D	**$12.40**
PA-11 Fuel Line Elbow (460-659)	352X6	**$5.75**
PA-11 Inverted Nut (460-665)	105X2	**$0.69**
Jet Primer, straight type (PA-11) (468-340)	U31197-000	**$43.96**
PA-11 Fuel Tank Outlet Nipple (476-652)	AN840-6D	**$11.96**
Fuel Strainer Screen	U750-272	**$2.12**
Fuel Strainer Bowl Seat (KEM type)	U750-273	**$13.88**
Fuel Tank Cover (PA-11)	U10657-000	**$297.35**
Fuel Valve to Strainer Line (PA-11)	10729-000	**$50.74**
Fuel Gauge (PA-11)	U10804-000	**$167.50**
Fuel Strainer Bracket Assembly (PA-11)	U71991-000	**$57.15**
Fuel Tank Finger Strainer	U72091-000	**$50.85**
Fuel Strainer Bowl Seat Nut (PA-11)	U72302-003	**$10.42**
Primer Pump Spacer Bushing (PA-11)	U80012-065	**$10.85**
Fuel Tank Top Strap Attach Stud (PA-11)	U80111-000	**$13.79**
Fuel Tank Filler Neck Washer	U80122-048	**$5.86**
Attaching Clamp (PA-11)	U80222-003	**$14.20**
Fuel Tank to Gauge Flex Hose (PA-11)	82371-006	**$21.88**

J-3 12-Gallon Fuel Tank

FAA/PMA APPROVED

U70723-000 ..... **$699.50**

Strap Assemblies for J-3 12-Gallon Fuel Tank

Front – Upper ..... U70462-000 ..... **$137.68**
Front – Lower ..... U70451-003 ..... **$72.29**

Rear – Upper ..... U70472-000 ..... **$117.59**
Rear – Lower ..... U70451-002 ..... **$48.38**

Fuel Drain Items

• For J-3, J-4, PA-15/17 frame fuel tanks with ⅜ inch NPT drain boss

Elbow ..... AN915-3D **$29.75**
Reducer ..... AN912-3D **$5.00**
Drain Valve ..... 22179-000 ..... **$21.75**
Plastic Tube (3 ft. required for AD 85-06-04, priced per ft.) ..... 189-543 ..... **$0.95**

PIPER J-3, PA-11

J-3 Fuel Gauge

U71041-000 ..... **$129.53**

J-3 Fuel Valve

FAA/PMA APPROVED

This new valve has a stainless steel ball seated in an inert composite seat. This improved design eliminates the stiff and hard operation.

Fuel Valve ..... U70781-000 .... **$133.69**
Fuel Valve
Control Cable Assembly ..... U41471-000 .... **$236.75**

Piper Gascolator

FAA/PMA APPROVED

• Metal bowl with quick drain

Piper Gascolator ..... U14330-002 ..... **$220.70**

PA-11 Fuel Gauge Housing

FAA/PMA APPROVED

PA-11 Fuel Gauge Housing ..... U10837-000 .... **$91.41**
Float Ball ..... U10853-000 ..... **$5.35**

Miscellaneous

Description	Part #	Price
Fuel Tank Outlet Flex Hose (PA-11)	U82371-010	**$17.48**
¼ inch Steel U Channel (6-foot length) (750-284)	X141472	**$4.65**
⅜ inch Steel U Channel (6-foot length)	U750-285	**$8.57**
Front Spar Angle Brace, Rear (PA-11)	12692-005	**$7.76**
Rear Spar Angle Brace, Front	12692-006	**$8.08**
Rib Cap Repair Splice Strip (12 inch)	U16651-004	**$8.58**
Rib Repair Diagonal Brace Repair Section (18 inch)	U750-287	**$10.64**

All parts listed are for both J-3 and PA-11, unless otherwise specified

PIPER PA-12, PA-14

Piper PA-12/14 Index

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Batteries	See Section 16, page 254
Brakes	See Section 18, page 344
Wheels	See Section 18, page 344

Many parts can be correctly identified by the nomenclature listed in this section. However, we suggest that you also have the correct parts manual for positive identification.

Manuals

Description	Part #	Price
PA-12 Parts Manual	12PM	**$14.93**
PA-12 Paint Scheme	12PS	**$1.13**
PA-14 Parts Manual (not illustrated)	14PM	**$16.88**
PA-14 Paint Scheme	14PS	**$1.22**
Service Aids, Bulletins, Letters and Memos, PA-11 through PA-22	PBLPA	**$60.25**
PA-12 Operating Limits	12FL	**$8.00**
PA-12 Flight Manual	12FM	**$3.97**
PA-14 Flight Manual	14FM	**$4.63**
PA-14 Operating Limits	14FL	**$9.60**
Piper Classic Inspection Report	230-3000	**$1.32**

Wings

Description	Part #	Price
Flap Push-Pull Bearing (PA-14)	U452-335	**$34.45**
Wingtip Bow	U453-126	**$33.88**
Diagonal End Brace Tube (PA-12)	U10112-007	**$42.95**
Wing Trailing Edge (PA-12)	U10117-000	**$94.77**
PA-12 #2 Full Rib (10119-000)	U1234-00	**$99.45**
Leading Edge Inboard U Channel	U10123-000	**$105.86**
Left Jury Strut	U10126-000	**$498.87**
Right Jury Strut	U10126-002	**$498.87**
Navigation Light Wire (10128-027)	U10128-028	**$21.52**
Bolt Lock Plate	U10151-000	**$2.26**
Tie Rod Nipple, #5 Bay	U10201-000	**$8.62**
Jury Strut Brace	U10203-000	**$80.13**
Tie Rod Nipple, #1, 2, 3, 4 Bay	U10211-000	**$33.24**
Clevis Tie Rod, #5 Bay	U10221-000	**$13.02**
Upper Front Strut Cuff, LH	U10225-000	**$80.89**
Upper Front Strut Cuff, RH	U10225-001	**$80.89**
Upper Rear Strut Cuff, LH	U10226-000	**$78.39**
Upper Rear Strut Cuff, RH	U10226-001	**$78.39**
Rear Spar Butt Hinge Fitting	U10391-000	**$43.10**
Front Spar Butt Hinge Fitting	U10401-000	**$28.79**
Lift Strut Filler Block (PA-12)	U10451-000	**$55.95**
Lift Strut Rear Spar Fitting	U10522-000	**$88.25**
Lift Strut Front Spar Fitting	U10532-000	**$84.15**
#8, 10, 12, 13 Rib (PA-14)	10732-005	**$227.59**
Aileron Hinge Bracket	U10912-004	**$93.33**
Flap/Aileron Bearing Block	U10921-000	**$18.34**
Hinge Bracket Clamp	U10931-000	**$10.66**
Navigation Light Wire Clip	U11061-000	**$5.68**
Cable Fairlead U Bracket	U11151-000	**$6.58**
Upper Wing Root Fairing (PA-14)	U11523-000	**$59.27**
Flap Bellcrank Bracket (PA-14)	U11672-000	**$48.74**
Aileron Bellcrank Rear Spar Bracket Angle (PA-14)	U11675-002	**$11.35**
Flap Bellcrank Rear Spar Bracket Angle (PA-14)	U11675-003	**$11.35**
Flap Push-Pull Rod (PA-14)	U11677-000	**$33.12**
Flap Bellcrank Stop Plate (PA-14)	U11678-000	**$16.08**
Aileron Bellcrank Fitting, LH	U11722-000	**$447.87**
Channel Brace, 8½ inch	U12252-002	**$9.54**
Channel Brace, 16 inch	U12252-003	**$10.61**
Channel Brace, 17 inch	U12252-004	**$9.54**
Channel Brace, 6¼ inch	U12252-006	**$10.35**
Channel Brace, 7¾ inch	U12252-007	**$9.54**
Channel Brace, 13¾ inch	U12252-008	**$8.30**
Left Wingtip Cover	U12412-000	**$161.51**
Right Wingtip Cover	U12412-001	**$181.55**
Center Aileron Bracket (PA-12)	U12482-000	**$85.85**
Front Spar Rear Brace	12692-005	**$7.76**
Rear Spar Front Brace	12692-006	**$8.08**
Aileron and Flap Bellcrank to Push Rod Screw	12713-004	**$1.95**
Round Inspection Cover		
Original Piper Style	U12761-002	**$34.41**
Generic	483-10	**$2.25**
Lift Strut Clevis Bolt	U13241-000	**$12.79**
#4, #6 Drag Strut	U14222-000	**$101.49**
#1 Drag Strut	U14852-000	**$338.65**
#3 Drag Strut	U14862-000	**$268.85**
#2 Drag Strut	U14872-000	**$120.78**
Upper "N" Brace Tube at Strut point	U16462-000	**$89.25**
Lower "N" Brace Tube at Strut point	U16472-000	**$96.49**
Front Spar Bow Rear Attach Fitting	U16551-000	**$15.65**
Front Spar Bow Front Attach Fitting	U16561-000	**$17.00**
Rear Spar Bow Rear Attach Fitting	U16611-000	**$11.90**
Short Fairlead Segment	U40071-000	**$0.97**
Fairlead Snap Ring	U40081-000	**$0.36**
Flap Bellcrank, RH (PA-14)	U40092-009	**$120.77**
Flap Bellcrank, LH (PA-14)	U40092-010	**$120.77**
Aileron Cable, in wing (PA-12)	U40123-018	**$73.64**
Bottom Front, Wing Root Fairing (PA-12)	U60361-000	**$19.61**
Bottom Rear, Wing Root Fairing, LH (PA-12)	U60441-000	**$35.87**
Bottom Rear, Wing Root Fairing, RH (PA-12)	U60441-001	**$35.87**
Top Root Fairing, LH (PA-12)	U60451-000	**$48.20**
Top Root Fairing, RH (PA-12)	U60451-001	**$48.20**
Jury Strut Cover Attach Grommet (PA-14)	U60671-000	**$8.53**
Center Section Leading Edge Fairing, LH (PA-12*)	60681-000	**$38.18**
Center Section Leading Edge Fairing, RH (PA-12*)	60681-001	**$38.18**

**PA-12 Serial Numbers: 1-2903, 2907, 2911, 2914, 2915, 2917, 2925, 2950, 3028S, 3901, 3902 and 3903*

Wing Spars

FAA/PMA APPROVED

Left Front	U14753-002	**$393.93**
Right Front	U14753-003	**$393.93**
Left Rear	U14823-002	**$350.53**
Right Rear	U14823-003	**$350.53**

Wing Leading Edge Skins

FAA/PMA APPROVED

Left Inboard	U10116-002	**$92.23**
Right Inboard	U10116-003	**$84.62**
Left Center	U10116-004	**$109.24**
Right Center	U10116-005	**$109.23**
Left Outboard	U10116-006	**$91.35**
Right Outboard	U10116-007	**$91.34**

One-piece Stamped Aluminum Wing Ribs

- *For PA-12 and PA-14; FAA/STC Approved*
- *For additional information and application chart, see page 122*
- *For individual ribs, replacement rib kits and wings, see page 128*

Wooden Wingtip Bow

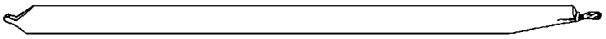
FAA/PMA APPROVED

U453-126 ..... **$33.88**

Oiled and Sealed Lift Struts

FAA/PMA APPROVED

Eliminate repetitive AD inspections of your struts and forks with Univair's new oiled and sealed lift struts. Complies with AD 2015-08-04. These struts incorporate the new heavy duty, heat treated, magnafluxed ⅝ inch rolled thread strut fork and nut (see forks below).



Front Strut	U85552-002	**$499.80**
Rear Strut	U85553-002	**$499.80**
Jury Strut Clamps		
Left Front	U10125-000	**$88.23**
Right Front	U10125-001	**$88.23**
Left Rear	U10124-000	**$88.23**
Right Rear	U10124-001	**$88.23**

Stainless Steel Lift Strut Forks

FAA/PMA APPROVED

A

B

A) Original Size 7/16 inch-diameter rolled thread fork	U14481-003	**$80.33**
B) Heavy Duty ⅝ inch-diameter fork for oiled and sealed struts, supplied with nut	U89201-003	**$109.35**

Complete PA-12 Flap Kit

The parts listed below are used in the flap installation in the PA-18. The STC and drawings may be purchased from:

Ron Sullivan
P.O. Box 110164
Anchorage, AK 99511

Phone: 907-345-4630
rsullivan@alaska.com

Description	# Req'd	Part #	Price
LH Flap, uncovered	1	U12768-000	**$907.75**
RH Flap, uncovered	1	U12768-001	**$907.75**
LH Flap, False Spar	1	U12784-005	**$258.08**
RH Flap, False Spar	1	U12784-003	**$258.08**
LH Flap, False Spar	1	U11670-002	**$44.27**
RH Flap, False Spar	1	U11670-003	**$50.05**
Flap Hinge Bracket	2	U10703-004	**$101.44**
Flap Hinge Bracket	2	U10703-003	**$94.39**
Flap Bellcrank Bracket	2	U11672-000	**$48.74**
Angle Reinforcement	4	U11675-002	**$11.35**
Angle Reinforcement	2	U11675-003	**$11.35**
Bellcrank	1	U40092-009	**$120.77**
Bellcrank	1	U40092-010	**$120.77**
Flap Control Rod	2	U11677-000	**$33.12**
Bearing	4	U452-335	**$34.45**
Upper Flap Control Cable	2	U40123-077	**$101.44**
Flap Return Spring	2	U14384-000	**$15.53**
Cable to Bellcrank Link	4	U81262-014	**$3.93**
Pulley	5	U41001-008	**$46.68**
Flap Control Lever	1	U12774-000	**$497.57**
Flap Lever Ratchet	1	U12776-000	**$32.44**
Tube Liner	1	U86062-079	**$55.46**
Complete PA-12 Flap Kit (as listed above, uncovered)		PA12-FLAP-U	**$4,646.81**
Installation Kit Only (all parts above, except flaps)		PA12-FLAP-K	**$2,823.72**

Lift Strut Hardware for PA-12 and PA-14

Bolt	U13241-000	**$12.79**
Nut	AN320-6	**$1.56**
Cotter Pin (AN380-3-3)	MS24665-283	**$0.04**

Flaps and Ailerons, Uncovered

FAA/PMA APPROVED

Left Aileron, PA-12 and 14	U42555-000	**$1,983.90**
Right Aileron, PA-12 and 14	U42555-001	**$1,983.90**
Left Flap, PA-14	U11686-000	**$1,017.13**
Right Flap, PA-14	U11686-001	**$1,017.13**

Aluminum Bearing Block Repair Kit

STC APPROVED

Simple repair for most all fabric-covered Piper. Allows repair of bearing block on flap and aileron hinge, and avoids need to replace bearing blocks. Simple and practical repair. Basic kit includes 4 bushings, reamer, adhesive, and 2 new clevis pins.

- *STC approved for use on Piper J-3, J-4, PA-11, PA-12, PA-14, PA-15, PA-16, PA-17, PA-18, PA-20, PA-22, and PA-25*
- *Provide aircraft model, registration numbers, and serial number when ordering*

Piper Bearing Block Repair Kit	STC-SA02128LA	**$197.50**

Frame

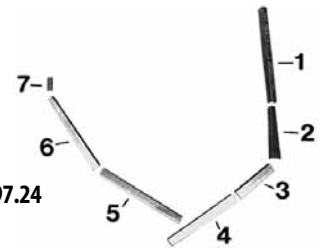
Description	Part #	Price
¼ inch Steel U Channel (6-foot length) (750-284)	X141472	**$4.65**
⅜ inch Steel U Channel		
(6-foot length) 24 gauge	U750-285	**$8.57**
(6-foot length) 20 gauge	U750-285HD	**$6.61**
Stabilizer Yoke Inspection Cover Grommet	U10292-000	**$9.55**
Tail Inspection Cover Grommet	U10293-000	**$7.87**
Inspection Plate		
Original Piper Style	U12761-002	**$34.41**
Generic	483-10	**$2.25**
Engine Mount Upper Attach Fitting	20291-000	**$137.58**
Engine Mount Lower Attach Fitting	20301-000	**$127.52**
Tailwheel U Front Attach Fitting	U20631-000	**$32.08**
Landing Gear Fittings,		
LH	U21262-002	**$188.31**
RH	U21262-003	**$195.85**
Rudder Pedal and Floorboard,		
Front Attach Fitting (PA-12)	U24121-002	**$6.05**
Rear Attach Fitting (PA-12)	U24121-003	**$6.05**

Stabilizer Yoke Inspection Cover,
LH ..... U60571-000 ..... **$19.62**
RH ..... U60571-001 ..... **$19.62**
Tail Inspection Cover,
LH ..... U60742-000 ..... **$28.22**
RH ..... U60742-001 ..... **$28.22**
Stabilizer Screw Lower Bearing (PA-12) ..... 80022-020 ..... **$9.26**
Attach Washer ..... 80122-007 ..... **$4.49**
Cowl Spacer Washer ..... 80122-043 ..... **$3.31**
Inspection Ring,
Piper Style ..... U85012-078 ..... **$6.60**
or ..... 483-15 ..... **$0.72**
Drain Grommet ..... U80122-053 ..... **$3.01**
Tail Tie Rod Plate ..... 80292-015 ..... **$13.60**
Rectangular Inspection Plate Grommet ..... U80541-002 ..... **$10.87**
Landing Gear Front Fitting Gusset ..... 81272-015 ..... **$4.09**
Rectangular Inspection Cover ..... U82461-000 ..... **$13.23**

PA-12 Door Channel Kit

FAA/PMA APPROVED

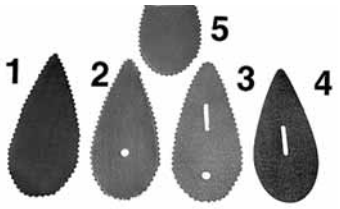
Can be purchased as a kit or individually. Pre-formed 4130 steel channels to replace door channels covered by Piper Service Bulletin 819.



PA-12 Door Channel Kit ..... 819-12 ... **$297.24**

Individual Items
(FAA-337 approval required for installation)
1 ..... 819-12-11 ..... **$38.80**
2 ..... 819-12-12 ..... **$39.62**
3 ..... 819-12-13 ..... **$41.47**
4 ..... 819-12-14 ..... **$40.98**
5 ..... 819-12-15 ..... **$42.76**
6 ..... 819-12-16 ..... **$37.94**
7 ..... 819-12-17 ..... **$13.11**

Reinforcements



1) U60481-000 ..... **$5.39**
2) U60863-005 ..... **$6.74**
3) U60863-002 ..... **$3.01**
4) U60863-003 ..... **$3.04**
5) U60863-009 ..... **$8.24**

For your covering and finishing needs, see the **Paint, Dope and Covering Supplies** section beginning on page 275. Univair stocks Tempo, Poly-Fiber, Randolph, Ceconite, and other fine lines.

Inspection Rings and Plates

Inspection Ring ..... U85012-078 ..... **$6.60**
or ..... 483-15 ..... **$0.72**
Inspection Plate ..... U12761-002 ..... **$34.41**
or Generic ..... 483-10 ..... **$2.25**

Tailpost Assembly

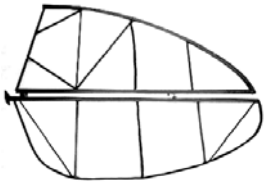
U22412-000 ..... **$110.36**

Common Piper Grommets

For drain grommets, see the **Paint, Dope and Covering Supplies** section beginning on page 275.

1) Grommet, Tail ..... U10292-000 ..... **$9.55**
2) Grommet ..... U10984-000 ..... **$13.73**
3) Grommet ..... U85012-049 ..... **$3.75**
4) Grommet ..... 80122-051 ..... **$4.37**
5) Grommet, Inspection Plate ..... U85012-078 ..... **$6.60**
6) Grommet, Strut ..... U15761-000 ..... **$6.40**
7) Grommet, Tail (used on PA-25 and later PA-18's) ..... U64834-000 ..... **$26.02**
8) Grommet, Tail ..... U10293-000 ..... **$7.87**
9) Grommet ..... U80541-002 ..... **$10.87**
10) Grommet, Pulley Cover ..... U60671-000 ..... **$8.53**

Tail Surfaces, Uncovered



Elevator
U40572-000 ..... **$495.49**
Vertical Fin • FAA/PMA
U40592-000 ..... **$395.00**
Rudder • FAA/PMA
U40622-000 ..... **$511.08**

Horizontal Stabilizer ..... U40643-000 ..... **$511.12**
Rudder Attach Hardware ..... PSK-1 ..... **$20.76**
Elevator Attach Hardware ..... PSK-2 ..... **$43.09**

Tail Brace Wires, Stainless Steel

FAA/PMA APPROVED

• *See page 90 for additional details*

Top wire clevis *Bottom wire clevis* *Square washer* *Brass nipple*

Top Wire, Upper Clevis (replaces 40521-008) ..... U61341-003 ..... **$24.56**
Top Wire, Lower Clevis (replaces 40521-007) ..... U61341-002 ..... **$32.54**
Bottom Wire, Upper Clevis (replaces 40521-009) ..... U61341-004 ..... **$35.44**
Bottom Wire, Lower Clevis (replaces 40521-010) ..... U61340-000 ..... **$32.54**
Square Washer ..... U81102-002 ..... **$4.49**
Brass Nipple ..... U41051-000 ..... **$22.41**
Jam Nut ..... AN315-5 ..... **$0.34**
Clevis Bushing ..... U82732-072 ..... **$4.75**

Control System

Description	Part #	Price
Tail Brace Wire Assembly, Upper* (10074-02)	U10555-002	**$153.92**
Tail Brace Wire Assembly, Lower* (10074-03)	U10556-002	**$153.92**
**Complies with AD 60-01-07*		
Tail Tie Rod Attach Fitting at Fin	U10075-002	**$24.85**
Upper Tail Tie Rod Attach Fitting at Stabilizer	U10075-003	**$24.85**
Lower Tail Tie Rod Attach Fitting at Stabilizer	U10075-004	**$26.11**
Throttle and Stick Knob	U10911-000	**$9.13**
Inboard Flap Hinge (PA-14)	U11682-000	**$122.25**
Flap Lever Plunger Pawl (PA-14)	U11700-000	**$19.21**
Stabilizer Adjustment Crank Pin (PA-14)	U12105-000	**$33.05**
Torque Tube Front/Rear Bearing Cap (PA-12)	21811-003	**$140.89**
Aileron Bellcrank Left Side	U40092-000	**$251.54**
Aileron Bellcrank Right Side	U40092-001	**$251.54**
Control Stick Connect (PA-12)	U40261-000	**$145.14**
Stabilizer Idler Yoke Assembly	U40651-000	**$31.55**
Stabilizer Adjust Cable Rubbing Block (PA-12)	U40721-000	**$32.92**
Stabilizer Yoke Link Tube Assembly (40771-000)	U14180-002	**$201.45**
Rudder Pedal Spring (PA-12)	U40941-000	**$8.31**
Adjustment Crank Escutcheon Plate	U41101-000	**$20.29**
Stabilizer Adjustment Crank	U41111-000	**$93.12**
Stabilizer Adjustment Indicator	U41121-000	**$25.49**
Escutcheon Plate Spring	U41151-000	**$7.08**
Torque Tube Bearing Shim (PA-12)	U41371-005	**$6.53**
Throttle Lever Connector Link (PA-12)	U41551-000	**$45.04**
Stabilizer Screw Pulley Key	U41631-000	**$11.82**
Stabilizer Adjustment Cable (PA-12)	U41671-005	**$225.24**
Inboard and Outboard Aileron Hinge (PA-14)	U41881-000	**$57.32**
Outboard Flap Hinge (PA-14)	U41881-002	**$71.98**
Aileron Center Hinge (PA-14)	U42441-000	**$165.75**
Hinge Plate (PA-14)	U42491-000	**$5.08**
Stabilizer Indicator Wire (PA-12)	U42664-003	**$17.77**
Stabilizer Adjustment Yoke Assembly	U42692-000	**$212.22**
Control Stick Stub (PA-12)	U42792-000	**$292.84**
Control Stick Assembly (PA-12)	42812-000	**$288.66**
Return Spring (PA-14)	U42891-000	**$5.53**
Stabilizer Adjustment Screw (42961-000)	U42961-102	**$82.52**
Flap Lever Plunger Spring (PA-14)	U50111-000	**$1.47**
Fin Leading Edge Fairing	U60602-000	**$92.43**
Stabilizer Indicator Wire Clamp (PA-12)	80002-015	**$11.82**
Bushing (PA-14)	U80012-003	**$4.37**
Control Surface Long Bushing	U80022-044	**$0.93**
Control Surface Short Bushing	U80022-045	**$1.17**
Stabilizer Adjustment Cable Pulley Bushing (PA-14 SN 490 and up)	80022-067	**$7.81**
Attach Washer	80122-007	**$4.49**
Torque Tube Washer (PA-12)	80122-017	**$4.93**
Stabilizer Yoke to Link Outer Washer	U80122-024	**$3.07**
Attach Washer	U80122-041	**$9.80**
Attach Washer	U80122-086	**$1.65**
Throttle Friction Lug (PA-12)	U81172-020	**$6.30**
Rudder Pedal Floor Attach Link (PA-12)	U81262-008	**$9.03**
Stabilizer Idler Yoke Link	81322-003	**$10.47**
Stabilizer Screw Top Pulley Washer	U81342-005	**$6.83**
Stabilizer Yoke Link Inner Attach Washer (81342-008)	NAS1149F0532P	**$0.05**
Swivel Fitting Washer	81342-019	**$0.09**
Door Handle Attach Washer	U81342-020	**$2.44**
Elevator Cable Spacer Washer (PA-14)	U81342-042	**$1.89**
Bungee Cable Pulley Housing	U81381-000	**$58.30**
Bungee Control Cable Spring	U81411-002	**$23.71**
Stabilizer Adjust. Crank Pulley Lock Pin	81761-004	**$9.10**
Stabilizer Adjustment Locking Pin (PA-14)	81761-011	**$7.40**
Rudder Pedal Spacer Washer (PA-12)	85012-004	**$1.75**
Rudder Pedal Spacer Washer (PA-12)	U85012-005	**$1.83**
Flap Lever Spring Stop Washer (PA-14) (AN940-10)	U85012-006	**$2.45**
Aileron and Flap Attach Washer	85012-010	**$1.75**
Front Elevator Pulley Bushing (PA-14)	U86102-043	**$7.96**

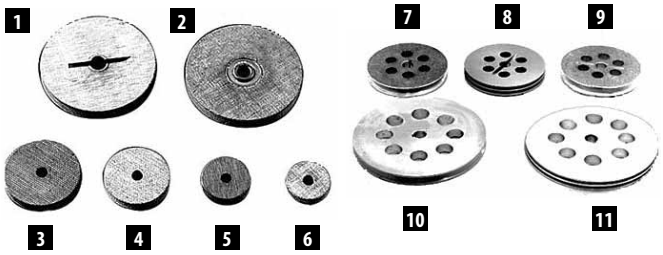
Stabilizer Yoke and Adjustment Screw

FAA/PMA APPROVED

Yoke	U42692-000	**$212.22**
Adjustment Screw	U42961-102	**$82.52**

Piper Pulleys

FAA/PMA APPROVED



Description	O.D.	I.D.	Part #	Price
1) Pulley, trimcrank with bushing (fiber)	2¾ inch	⅜ inch	U41171-000	**$56.64**
1a) Pulley (no slot)	2¾ inch	⅜ inch	U40991-000	**$13.44**
2) Pulley, with bearing (fiber) (41001-010)	2¾ inch	5/16 inch	U41001-008	**$46.68**
3) Pulley (fiber)	1¾ inch	¼ inch	U80421-000	**$8.31**
4) Pulley (fiber)	1½ inch	¼ inch	U481-609	**$7.66**
5) Pulley (fiber)	1⅛ inch	¼ inch	U11200-000	**$11.16**
6) Pulley (fiber)	1 inch	¼ inch	U43001-000	**$13.35**
7) Pulley, stabilizer screw (aluminum)	2¾ inch	⅜ inch	U43061-000	**$88.38**
8) Pulley, double groove (aluminum)	2¾ inch	⅜ inch	U12983-000	**$50.80**
9) Pulley, trimcrank (aluminum)	2¾ inch	⅜ inch	U10080-000	**$117.08**
10) Pulley, adjustment screw (aluminum), single groove	4 inch	⅜ inch	U11008-000	**$137.25**
11) Pulley, adjustment screw (aluminum), double groove	4 inch	⅜ inch	U12982-000	**$103.30**

PA-12 Control Cables

FAA/PMA APPROVED

Description	Qty. Req'd.	Galvanized Steel	Price	Stainless Steel	Price
Rudder, Long	2	U40123-002	**$108.52**	U40123-002S	**$143.70**
Rudder, Short	2	U40123-007	**$93.31**	U40123-007S	**$124.07**
Aileron, In Wing	4	U40123-018	**$73.64**	U40123-018S	**$96.24**
Aileron, Control to Stick	2	U40123-021	**$106.38**	U40123-021S	**$118.51**
Elevator, to Upper Horn	1	U40123-022	**$94.49**	U40123-022S	**$102.44**
Elevator, to Lower Horn	1	U40123-023	**$75.12**	U40123-023S	**$83.28**
Bungee Control	1	U40123-035	**$64.45**	U40123-035S	**$77.33**
Stabilizer Adjustment (with Fairleads)	1	U41671-005	**$225.24**	41671-006	**$225.24**
Upper Parking Brake	1	U40123-024	**$66.08**	U40123-035S	**$77.33**
Lower Parking Brake	1	U40123-025	**$24.66**	U40123-025S	**$29.61**
Piper Special Fork		—	—	U461-132	**$38.20**

65" Control Cable

FAA/PMA APPROVED

65" long, less knob. Used for mixture, cabin heat, carb heat and other applications.

U16775-000 ..... **$55.09**

Fairleads

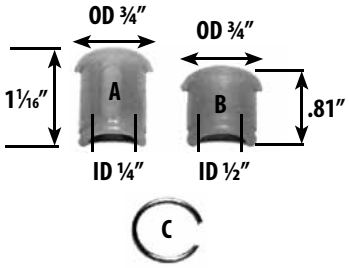
FAA/PMA APPROVED

• *Fairleads sold in halves*

A) Long Fairlead Segment
U40701-000 ..... **$0.96**

B) Short Fairlead Segment
U40071-000 ..... **$0.97**

C) Snap Ring
U40081-000 ..... **$0.36**



Liner Tubes

FAA/PMA APPROVED

Link Assembly Liner Tube ..... U86062-080 ..... **$92.03**
• *Supercedes part number 80132-011*

Rear Liner Tube ..... U86062-079 ..... **$55.46**
• *Supercedes part number 80132-010*

If you don't find the part you need, be sure to give us a call. We are here to help you with all of your classic aircraft needs!

TOLL FREE 1-888-433-5433

Chassis and Landing Gear

Description	Part #	Price
Anchor Pin (750-006)	A20-54	**$15.82**
Wheel and Drum Assembly (451-760)	UD3-13A-1	**$1,336.34**
Grease Felt Washer (750-010)	UA56-4	**$11.68**
Side Lock Ring (750-025)	A85-118	**$8.00**
Felt Retaining Ring (750-026)	UA85-218	**$24.24**
Side Ring Casting (750-028)	B11-5	**$44.23**
Bearing Cone (750-063)	08125	**$49.66**
Bearing Cup (750-064)	08231	**$20.98**
Felt Grease Retainer (750-065)	B227-52	**$0.90**
Rudder Arm (750-330)	U1140A-000	**$160.76**
Hub Cap Assembly (750-638)	1882	**$69.63**
Bronze Bushing (750-722)	U1800A	**$47.93**
Tailwheel Arm Assembly (750-744)	U1709A-000	**$382.54**
Grease Retainer (750-749)	U1863A-000	**$7.18**
Tailwheel Hub (750-752)	U1967A-000	**$382.54**
Connector Assembly (750-753)	U2151A-000	**$53.67**
Landing Gear Vee Outer Fairing Assembly, LH	U10283-000	**$341.72**
Landing Gear Vee Outer Fairing Assembly, RH	U10283-001	**$341.72**
Landing Gear Fairing Support Bracket	10690-000	**$51.42**
Tailwheel Leaf Spring, Top** (PA-14)	U10999-002	**$37.85**
Tailwheel Leaf Spring, Middle** (PA-14)	U10999-003	**$49.42**
Tailwheel Leaf Spring, Bottom** (PA-14)	U10999-005	**$51.64**
Axle Nut, 1.25"	U30491-000	**$56.64**
Tailwheel Leaf Spring, Middle* (PA-12/14)	U30512-002	**$45.00**
Tailwheel Leaf Spring, Bottom* (PA-12/14)	U30512-004	**$46.76**
Tailwheel Leaf Spring, Top* (PA-12/14)	U30522-000	**$34.43**
Tailwheel Spring Attach Clamp	U30531-000	**$23.19**
Shock Cord	U31322-005	**$24.03**
Landing Gear Vee Bushing Insert	U80022-063	**$7.02**
Attach Washer	U80122-041	**$9.80**
Entrance Step	U81903-003	**$225.68**

**PA-12 serial numbers 1-204 **PA-14 serial numbers 490 and up*

PA-12 Landing Gear Rubber Bumper Block

FAA/PMA APPROVED

Rubber Bumper Block ..... U30831-000 ..... **$9.79**

Landing Gear

FAA/PMA APPROVED

- *Please include aircraft serial number when ordering*
- *PA-12 landing gears have strap brace on gear*
- *PA-14 landing gears have streamlined tube brace and may be used on the PA-12*

PA-12 Gear, uncovered

LH ..... U10028-000 ..... **$1,251.36**
RH ..... U10028-001 ..... **$1,251.36**

PA-14 Gear, uncovered

LH ..... U11353-000A **$1,345.00**
RH ..... U11353-001A **$1,345.00**

Tailwheel Springs

FAA/PMA APPROVED

PA-12 Spring Set for Hard Rubber Tailwheel (PA12TWSHR) J3TWSHR **$126.61**

PA-12 Spring Set for Pneumatic Tailwheel ..... PA12TWSPNEU **$132.09**

Piper Hub Caps

FAA/PMA APPROVED

- *Stamped metal, not plastic!*

Steel

- *For original 8.00 x 4 Goodrich wheels*
- *Raised lettering, stamped "CUB"*

Stamped with "CUB" ..... U31702-000 ..... **$30.69**
Plain (primed only) ..... U31702-002 ..... **$26.56**

Aluminum

- *For 6.00 x 6 Cleveland conversion wheels*
- *Raised lettering, stamped "CUB"*

Stamped with "CUB" ..... U1680-00 ..... **$26.74**
Plain (bare aluminum) ..... U1680-02 ..... **$24.96**

Cub Mask

Fits over the raised letters on the above hub caps and makes the job of painting cleaner and neater. Set of 2.

Cub Mask ..... CUB-MASK **$12.50**

Bushwheel 3200 Tailwheel

- *Pneumatic assembly*

3200 Series Tailwheel
ABI-3200 ..... **$1,025.00**

Brake System

Description	Part #	Price
Brake Bleeder Tee Fitting (451-771)	B57-239	**$88.95**
Brake Cylinder Elbow (PA-14) (458-920)	3400X2	**$2.93**
Nozzle Spacer (PA-14) (750-016)	A64-3	**$6.15**
Retracting Spring (750-029)	B21-35	**$6.90**
Brake Block (750-033)	B27-59-1	**$53.62**
Brake Inner Fairing (750-035)	B51-72	**$79.25**
Brake Frame (750-039)	D12-101	**$20.66**
Brake Frame Flange (750-041)	D15-25	**$37.30**
Brake Piston (750-295)	U1383A-000	**$51.11**
Master Cylinder Diaphragm (2844)	U750-384	**$30.09**
Master Cylinder Diaphragm Pad (750-385)	U2003-001	**$29.87**
Expander Tube Shield (750-893)	A72-30	**$21.69**
Short Fairlead Segment	U40071-000	**$0.97**
Fairlead Snap Ring	U40081-000	**$0.36**
Parking Brake Upper Cable (PA-12)	U40123-024	**$66.08**
Long Fairlead Segment	U40701-000	**$0.96**
Brake Pedal Outboard Bearing Block (PA-12)	U41521-000	**$73.12**
Brake Pedal Stop (PA-12)	U41561-000	**$20.43**
Left Brake Pedal (PA-12)	U41602-000	**$153.09**
Right Brake Pedal (PA-12)	U41602-001	**$153.09**
Brake Hose	U71061-004	**$126.94**
Floor Attach Link (PA-12)	U81262-008	**$9.03**
Spacer Washer (PA-12)	85012-004	**$1.75**
Spacer Washer (PA-12)	U85012-005	**$1.83**

Goodrich Brake Assembly Parts

- *For all Pipers with 8.00 x 4 wheels*
- *While supplies last!*

Brake Block (750-033) .... B27-59-1 .... **$53.62**
Spring (750-029) ..... B21-35 ..... **$6.90**
Shield (750-093) ..... A72-30 .... **$21.69**

Grove 800 x 4 Disk Brake Conversion

STC APPROVED

- *For Goodrich wheels and brakes only*
- *Maintain your classic look*
- *Use your existing wheels, tires and tubes*
- *Use your existing master cylinder and brake lines*
- *Easy installation – all parts and special tools included*

Grove Brake Conversion ..... 76002 ..... **$859.00**

Cleveland Wheel and Brake Kit

Convert from your Goodrich Wheels and Brakes to the new Cleveland Wheels and Brakes. Uses the 6.00 x 6 tires. FAA 337 or STC approval required for installation. Request STC SA11RM-1.25 when you purchase this kit and it is available at no charge.

Conversion Kit ..... 199-07100 ..... **$1,989.00**

Installation may require:

Lines (2 each) ..... U60703-002 ..... **$50.70**
Elbows (2 each) (558-819) ..... 502X4 ..... **$15.82**
Elbows (2 each) (460-677) ..... 402X4 ..... **$3.50**
STC, for 1¼ inch axle ..... STC-SA11RM-1.25 ..... **$96.86**
Stamped Metal "CUB" Hubcaps:
6.00 x 6 for Cleveland Conversion wheels ..... U1680-00 ..... **$26.74**
Cub Mask (set of 2) ..... CUB-MASK **$12.50**

Master Cylinder

FAA/PMA APPROVED

Detail replacement parts available. See **Tires, Wheels, and Brakes** section on page 344.

LH (new) ..... U1248A **$995.00**
RH (new) ..... U1260A **$995.00**

Flexible Brake Line

FAA/PMA APPROVED

- *From brake master cylinder to copper line on gear vee*

Brake Line ..... U71061-004 ..... **$126.94**

Cockpit and Enclosure

Description	Part #	Price
Non-Recording Tachometer Shaft (486-565)	U1713-N340	**$111.48**
Seat Spring (PA-14), 14 inches	487-272	**$39.50**
Seat Spring (PA-14), 19.5 inches	487-274	**$45.36**
Bolt Lock Plate	U10151-000	**$2.26**
Switch Panel Cover (PA-12)	U10176-000	**$55.46**
Instrument Panel Cover, LH (PA-12)	U10298-000	**$182.58**
Instrument Panel Cover, RH (PA-12)	U10299-000	**$182.58**
Rear Window Trim Strip, LH	U10341-000	**$54.85**
Cockpit Throttle Panel Cover (PA-12)	U10382-000	**$171.48**
Inside Door Panel (PA-12)	U10386-000	**$159.49**
PA-12 Door Window	10593-000	**$42.32**
Instrument Panel Top Cover, 3-hole (PA-12)	U10854-000	**$179.31**
Instrument Panel Top Cover, 2-hole (PA-12)	U10854-002	**$179.31**
Seat Release Lever (PA-14)	U12079-000	**$56.44**
Flap Lever Plunger Spring (PA-14)	U50111-000	**$1.47**
Door Latch Kit	U52745-000	**$3.33**
Floorboard and Brake Pedal Attach Clamp (PA-12)	U80222-003	**$14.20**
Door Handle Attach Washer	U81342-020	**$2.44**
Airspeed Hose (PA-14)	83161-002	**$2.80**

Windshield

For a complete listing of windows and windshields, including tinted windshields, see our **Windows and Windshields** section on page 379.

Early PA-12, Round Top
10212-000 ..... **$254.68**
Late PA-12, Square Top
10680-000 ..... **$254.68**
PA-14
11174-000 ..... **$217.55**

Instrument Trim Panels

FAA/PMA APPROVED

Switch Panel Cover
U10176-000 ..... **$55.46**
LH Instrument Panel Cover
U10298-000 ..... **$182.58**
RH Instrument Panel Cover
U10299-000 ..... **$182.58**
Throttle Panel Cover
U10382-000 ..... **$171.48**
Instrument Panel Top Cover, 3-hole ..... U10854-000 ..... **$179.31**
Instrument Panel Top Cover, 2-hole ..... U10854-002 ..... **$179.31**

PA-12 Throttle Control

FAA/PMA APPROVED

U12694-002 ..... **$406.51**

Cowling and Engine

Description	Part #	Price
Firewall Grommet, ⅜ inch (434-134)	MS35489-11	**$0.66**
Firewall Grommet, ⅞ inch (434-142)	MS35489-22	**$0.96**
Non-Recording Tachometer Shaft (486-565)	U1713-N340	**$111.48**
Front LH Baffle Bracket (PA-12)	10173-000	**$12.17**
Rear Baffle Bracket (PA-12)	10175-000	**$48.56**
Muffler, less Shroud	U10308-003	**$1,145.25**
Inner Cylinder Outer Baffle Tube	10415-002	**$25.16**
Inner Cylinder Baffle Tube	10415-003	**$28.46**
Muffler Clip	U10430-000	**$52.31**
Muffler Shroud (PA-12)	U10431-000	**$412.87**
Baffle Tie Rod, 3½ inch	U10487-000	**$14.35**
Cowl Mounting Bracket, LH (PA-12)	U10694-000	**$148.89**
Cowl Mounting Bracket, RH (PA-12)	U10694-001	**$148.89**
Cowl Mounting Bracket (PA-12)	U10695-000	**$85.33**
Air Box Attach Bolt (PA-14)	10836-002	**$1.35**
Nose Cowl Support Brace (PA-14)	U11410-000	**$81.34**
Strainer to Carburetor Fuel Line (PA-12)	U70322-012	**$135.05**
Exhaust Stack and Muffler Attach Clamp	U70591-002	**$25.41**
Carburetor Air Scoop Attach Gasket	73451-003	**$7.34**
Inner Cylinder Baffle	74912-000	**$32.93**
Cable Clamp	U80032-034	**$15.49**
Firewall Cowl Spacer	80122-043	**$3.31**
Swivel Fitting Washer	81342-019	**$0.09**
Cable Attach Fitting	U91193-000	**$15.18**

Flexible Oil Pressure Hose

FAA/PMA APPROVED

U71061-000 ..... **$105.32**

Spinner Assembly

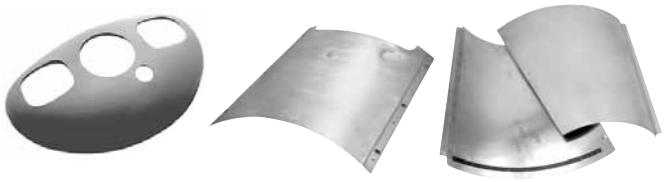
FAA/PMA APPROVED

- *For Piper models PA-12, PA-16, PA-18, PA-20 and PA-22 with O-235 or O-290 engines with AM series Sensenich propellers*

U13661-A **$496.98**

All-Aluminum Cowling

FAA/PMA APPROVED



PA-12/14 Nose ..... U10189-000 ..... **$1,345.00**
PA-12 Bottom ..... U10698-000 ..... **$256.39**
PA-12 Top ..... U10699-000 ..... **$153.84**
PA-12 Fuselage* ..... U10691-000 ..... **$946.72**
PA-12 Left Side ..... U10701-000 ..... **$403.80**
PA-12 Right Side ..... U10701-001 ..... **$403.80**

**Must be sent motor freight; additional crating charges CR13 apply*

Shielded Ignition Leads

FAA/PMA APPROVED

101 series, 7mm, fits all engines with S4 and S6 Bendix series or Slick Magnetos that have the threaded back plate. For additional details on ignition leads, see the **Engine and Fuel System** section on page 180.

PA-12/14 Engine Mount

FAA/PMA APPROVED

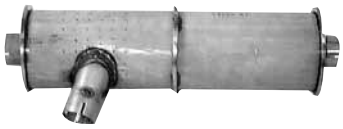
Engine Mount ..... U10070-000 ..... **$892.69**

Muffler Bail

Welded inside muffler outlet to guard against flame tube failure and obstruction of exhaust outlet. Field approval required.

Muffler Bail ..... U452-093 ..... **$37.74**

PA-12/14 Muffler



- *Includes U452-093 muffler bail*
- *Shroud excluded*

Muffler ..... U10308-003 ..... **$1,145.25**

PA-12 Shroud

U10431-000 ..... **$412.87**

PA-12 180HP MODIFICATION
INSTALLATION OF THE LYCOMING 0-360-A2A ENGINE IN THE PA-12 STC-SA02267AK. SEE PAGE 130 FOR DETAILS.

Fuel System

Description	Part #	Price
Header Tank Felt Strip, PA-12	180-497	**$3.54**
Firewall Grommet, ⅜ inch (434-134)	MS35489-11	**$0.66**
Firewall Grommet, ⅞ inch (434-142)	MS35489-22	**$0.96**
Primer Pump Assembly	U451-100	**$307.83**
Primer Line Tee (460-652)	702X2	**$18.48**
Shut-Off to Tee Elbow (PA-14) (460-661)	3400X4	**$5.57**
Jet Primer (468-340)	U31197-000	**$43.96**
Fuel Strainer Screen	U750-272	**$2.12**
Fuel Strainer Bowl Seat	U750-273	**$13.88**
Left Tank Cover	U10118-000	**$476.50**
Right Tank Cover	U10118-001	**$476.50**
Long Primer Line at Engine Cylinder	10143-020	**$26.43**
Short Primer Line at Engine Cylinder (PA-14)	10143-061	**$23.41**
Primer Outlet Line (PA-14)	10143-063	**$47.46**
Primer Inlet Line to Fuel Strainer (PA-14)	10143-065	**$42.51**
Fuel Gauge Plug	U10676-004	**$21.48**
Fuel Gauge Access Plate	U10878-000	**$14.01**
Flex Fuel Line, Strainer to Carburetor	U70322-012	**$135.05**
Gascolator Mounting Bracket	U71991-000	**$57.15**
Strainer Bowl Seat Nut	U72302-003	**$10.42**
Control Cable Clamp	U80032-034	**$15.49**
Shut-Off to Fuel Strainer Fuel Line	U82371-004	**$14.42**
Fuel Strainer Gasket	U85012-032	**$3.08**
Fuel Gauge Top Gasket (PA-14)	U85012-051	**$4.07**

Gas Cap Gasket

FAA/PMA APPROVED

U60750-006 ..... **$1.44**

Complete Piper Gascolator

FAA/PMA APPROVED

• *Metal bowl with quick drain*

Piper Gascolator ..... U14330-002 ..... **$220.70**

Engine Primer Pump Assembly

FAA/PMA APPROVED

U451-100 ..... **$307.83**

Wing Fuel Drain Valve

FAA/PMA APPROVED

F391-14 ..... **$27.05**

Fuel Gauge

FAA/PMA APPROVED

Fuel Gauge Assembly (excludes float) ..... U10676-007 ..... **$200.42**
Housing Only ..... U10676-012 ..... **$122.78**
Glass Tube ..... U10852-000 ..... **$17.04**

Electrical System

For more strobes, switches, and other related items, see the **Lighting and Electrical System** section on page 254.

Description	Part #	Price
5-Amp Circuit Breaker (454-648)	W23X1A1G-5	**$38.28**
10-Amp Circuit Breaker (454-649)	W23X1A1G-10	**$27.37**
15-Amp Circuit Breaker (454-650)	W23X1A1G-15	**$34.32**
Starter Switch (PA-12) (487-527)	U487-550	**$47.32**
Master Switch (PA-12) (487-776)	AN3023-1	**$130.00**
Battery Box Door Frame (PA-12)	U10276-000	**$309.62**
Fuse Terminal Jumper (PA-12)	10438-000	**$11.75**

Miscellaneous

Description	Part #	Price
Wing Root Cover Rubber Channel	415-31130-10	**$32.50**
¼ inch Steel U Channel (6-ft. length) (750-284)	X141472	**$4.65**
⅜ inch Steel U Channel (6-ft. length)	U750-285	**$8.57**
Front Spar Splice Kit	750-736	**$230.06**
Rear Spar Splice Kit	750-739	**$131.00**
Rib Cap Strip Repair Section (12 inch)	U16651-004	**$8.58**

PA-12 Instrument Panel

FAA/PMA APPROVED

Blank Instrument Panel
CSI-1017 ..... **$140.20**

Airpath Compass

FAA/PMA APPROVED

Used in most light aircraft instrument panels that have 2¼ inch panel cutouts. Has self-luminous dial and built-in compensator magnets.

Airpath Compass ..... C-2300 ..... **$170.60**

Snap Vents

FAA/PMA APPROVED

Transparent, adjustable ventilators that provide fresh air intake, exhaust or no draft, and are easily installed.

Vents, per pair, 2" diameter ..... A2-100 ..... **$15.20**
Radius Cutting Tool for Installation ..... A2-100-T **$32.25**

Shock Cords

For information on shock cords, see the **Supplies and Accessories** section on page 334.

Piper PA-12

Piper PA-14

To insure the proper selection of parts, we suggest that you use your PA-12 or PA-14 parts manual with this catalog.

Piper J-4, J-5, PA-15/17, PA-16 Index

Category	Page
Manuals	72
Wings	72
Control Systems	73
Frame	74
Landing Gear	74
Miscellaneous	75
Windows/Windshields	See Section 12, page 379
Propellers	See Section 15, page 291
Batteries	See Section 16, page 254
Brakes/Wheels	See Section 18, page 344

Many parts can be correctly identified by the nomenclature listed in this section. However, we suggest that you also have the correct parts manual for positive identification.

Manuals

Description	Part #	Price
J-4 Parts Manual (photocopy)	J4PM	**$41.05**
J-4 Service Manual	J4SM	**$10.59**
J-4 1939 Paint Scheme	J4PS39	**$1.13**
J-4 1940 Paint Scheme	J4PS40	**$1.13**
J-4 1941 Paint Scheme	J4PS41	**$1.13**
J-5 Parts Manual	J5PM	**$32.77**
J-5 Service Manual	J5SM	**$8.53**
J-5 1940 Paint Scheme	J5PS40	**$1.13**
J-5 1941 Paint Scheme	J5PS41	**$1.13**
Service Aids, Bulletins, Letters and Memos		
J Series (J-3 through J-5)	PBLJ	**$50.32**
PA Series (PA-11 through PA-22)	PBLPA	**$60.25**
PA-15/17 Parts List (not illustrated)	15PM	**$5.76**
PA-16 Parts List (not illustrated)	16PM	**$12.91**
PA-16 Paint Scheme	16PS	**$1.13**
PA-16 Flight Manual	16FM	**$5.30**
PA-15 and PA-17 Flight Manual	15/17FM	**$6.33**
Piper Cub Engine Log	170-112	**$24.63**
Piper Cub Airframe Log	750-111	**$18.54**
Piper Classic Inspection Report	230-3000	**$1.32**

Wings

Aluminum Bearing Block Repair Kit — STC APPROVED

Simple repair for most all fabric-covered Piper. Allows repair of bearing block on flap and aileron hinge, and avoids need to replace bearing blocks. Simple and practical repair. Basic kit includes 4 bushings, reamer, adhesive, and 2 new clevis pins.

- *STC approved for use on Piper J-3, J-4, PA-11, PA-12, PA-14, PA-15, PA-16, PA-17, PA-18, PA-20, PA-22, and PA-25*
- *Provide aircraft model, registration numbers, and serial number when ordering*

Piper Bearing Block Repair Kit ..... STC-SA02128LA **$197.50**

Lift Strut Hardware

For J-4, PA-15 and PA-17

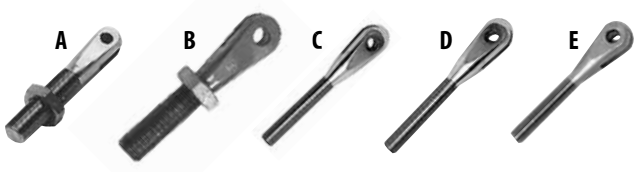
Bolt	U82141-000	**$15.45**
Nut	AN320-5	**$1.29**
Cotter Pin (AN380-3-3)	MS24665-283	**$0.04**

For J-5 and PA-16

Bolt	U13241-000	**$12.79**
Nut	AN320-6	**$1.56**
Cotter Pin (AN380-3-3)	MS24665-283	**$0.04**

Lift Strut Forks — FAA/PMA APPROVED

- *New heavy duty, heat treated, 5/8 inch rolled thread fork (for new sealed struts)*

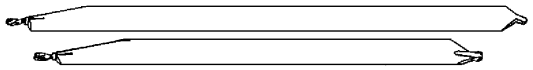


A) For J-3, PA-11, PA-15, Stainless Steel and PA-17 (with nut)*	U1600-01	**$125.80**
A) For J-4 (with nut)*	U1600-02	**$122.01**
B) For J-5, PA-12, PA-14, Stainless Steel PA-16, PA-18, PA-20 and PA-22 (with nut)*	U89201-003	**$109.35**
C) Original size, rolled thread, magnafluxed 7/16 inch Fork for J-3 and PA-11, Stainless Steel (complies with AD 81-25-05)	U13770-003	**$85.43**
D) 3/8 inch Fork for PA-15, PA-17 (U11281-004)	U11281-005	**$216.31**
E) 7/16 inch Fork for PA-16	U14481-003	**$80.33**

**Apply only to new sealed struts*

Lift Struts

FAA/PMA APPROVED



Eliminate repetitive AD inspections of your struts and forks with Univair's new oiled and sealed lift struts. Complies with AD 2015-08-04. These struts include the new heavy duty, heat treated, magnafluxed ⅝ inch rolled thread strut fork and nut (see below).

J-4 Front Strut	U85549-002	**$559.64**
J-4 Rear Strut	U85550-002	**$559.64**
J-5 Front Strut*	U85552-002	**$499.80**
J-5 Rear Strut*	U85553-002	**$499.80**
PA-15/17 Front Strut	U85556-002	**$605.30**
PA-15/17 Rear Strut	U85557-002	**$605.30**
PA-16 Front Strut	U85558-002	**$546.16**
PA-16 Rear Strut	U85559-002	**$499.80**

**These struts are a larger cross section than the original J-5 struts. They will require larger jury strut clamps.*

Approved Wing Spars

FAA/PMA APPROVED

For PA-15 and PA-17

LH Rear Spar	U11515-002	**$515.84**
RH Rear Spar	U11515-003	**$515.84**
LH Front Spar	U11516-002	**$515.84**
RH Front Spar	U11516-003	**$515.84**

For PA-16

LH Rear Spar	U11754-002	**$531.64**
RH Rear Spar	U11754-003	**$531.64**
LH Front Spar	U11753-002	**$493.22**
RH Front Spar	U11753-003	**$550.24**

For J-5C (Metal Spars)

LH Rear Spar	U14823-002	**$350.53**
RH Rear Spar	U14823-003	**$350.53**
LH Front Spar	U14753-002	**$393.93**
RH Front Spar	U14753-003	**$393.93**

Wing Ribs

FAA/STC Approved

- *One-piece, stamped aluminum*
- *For PA-15/17 and PA-16*

For additional information and application chart for individual ribs, replacement rib kits and wings, see page 122.

Control Systems

Description	Part #	Price
Elevator, uncovered	U40572-000	**$495.49**
Vertical Stabilizer	U40592-000	**$395.00**
Rudder, uncovered	U40622-000	**$511.08**
Horizontal Stabilizer, uncovered	U40643-000	**$511.12**
Rudder Attach Hardware	PSK-1	**$20.76**
Elevator Attach Hardware	PSK-2	**$43.09**

Tail Brace Wires

FAA/PMA APPROVED

- *See page 90 for additional details*
- *Round type to comply with AD 60-01-07*
- *Stainless steel wires and clevis*

Upper Wire Assembly	U10555-002	**$153.92**
Lower Wire Assembly	U10556-002	**$153.92**
Original Installation Kit*	10555-KIT	**$46.30**

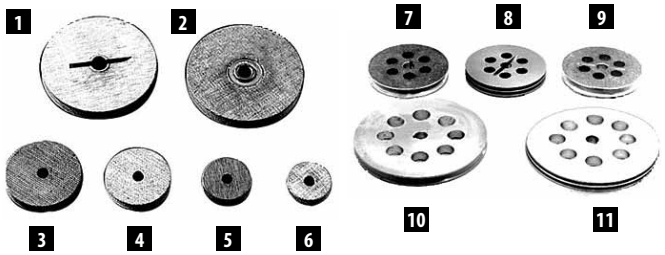
**(for first time round wires are installed)*

Top wire clevis *Bottom wire clevis* *Square washer* *Brass nipple*

Top Wire, Upper Clevis (replaces 40521-008)	U61341-003	**$24.56**
Top Wire, Lower Clevis (replaces 40521-007)	U61341-002	**$32.54**
Bottom Wire, Upper Clevis (replaces 40521-009)	U61341-004	**$35.44**
Bottom Wire, Lower Clevis (replaces 40521-010)	U61340-000	**$32.54**
Square Washer	U81102-002	**$4.49**
Brass Nipple	U41051-000	**$22.41**
Jam Nut	AN315-5	**$0.34**
Clevis Bushing	U82732-072	**$4.75**

Piper Pulleys

FAA/PMA APPROVED



Description	O.D.	I.D.	Part #	Price
1) Pulley, trimcrank with bushing (fiber)	2¾ inch	⅜ inch	U41171-000	**$56.64**
1a) Pulley (no slot)	2¾ inch	⅜ inch	U40991-000	**$13.44**
2) Pulley, with bearing (fiber) (41001-010)	2¾ inch	5/16 inch	U41001-008	**$46.68**
3) Pulley (fiber)	1¾ inch	¼ inch	U80421-000	**$8.31**
4) Pulley (fiber)	1½ inch	¼ inch	U481-609	**$7.66**
5) Pulley (fiber)	1⅛ inch	¼ inch	U11200-000	**$11.16**
6) Pulley (fiber)	1 inch	¼ inch	U43001-000	**$13.35**
7) Pulley, stabilizer screw (aluminum)	2¾ inch	⅜ inch	U43061-000	**$88.38**
8) Pulley, double groove (aluminum)	2¾ inch	⅜ inch	U12983-000	**$50.80**
9) Pulley, trimcrank (aluminum)	2¾ inch	⅜ inch	U10080-000	**$117.08**
10) Pulley, adjustment screw (aluminum), single groove	4 inch	⅜ inch	U11008-000	**$137.25**
11) Pulley, adjustment screw (aluminum), double groove	4 inch	⅜ inch	U12982-000	**$103.30**

PA-15/17 Ailerons

FAA/PMA APPROVED

LH, uncovered ..... U42585-000 ..... **$1,093.07**
RH, uncovered ..... U42585-001 ..... **$1,093.07**

Stabilizer Yoke and Adjustment Screw

FAA/PMA APPROVED

Yoke ..... U42692-000 ..... **$212.22**
Adjustment Screw ..... U42961-102 ..... **$82.52**

65" Control Cable

FAA/PMA APPROVED

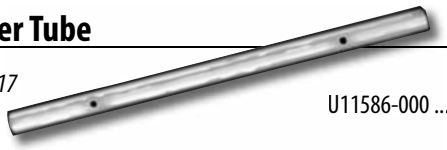
- *65" long, less knob*
- *Used for mixture, cabin heat, carb heat and other applications*

U16775-000 ..... **$55.09**

Stabilizer Tube

FAA/PMA APPROVED

- *For PA-15/17*



U11586-000 ..... **$168.98**

Toll Free Sales: 1-888-433-5433
Order online at www.univair.com

Frame

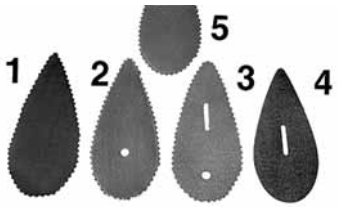
For information on stringer blanks, see the **Raw Materials** section on page 327.

Common Piper Grommets

For drain grommets, see the **Paint, Dope and Covering Supplies** section beginning on page 275.

1) Grommet, Tail ..... U10292-000 ..... **$9.55**
2) Grommet ..... U10984-000 ..... **$13.73**
3) Grommet ..... U85012-049 ..... **$3.75**
4) Grommet ..... 80122-051 ..... **$4.37**
5) Grommet, Inspection Plate ..... U85012-078 ..... **$6.60**
6) Grommet, Strut ..... U15761-000 ..... **$6.40**
7) Grommet, Tail (used on PA-25 and later PA-18's) ..... U64834-000 ..... **$26.02**
8) Grommet, Tail ..... U10293-000 ..... **$7.87**
9) Grommet ..... U80541-002 ..... **$10.87**
10) Grommet, Pulley Cover ..... U60671-000 ..... **$8.53**

Reinforcements



1) U60481-000 ..... **$5.39**
2) U60863-005 ..... **$6.74**
3) U60863-002 ..... **$3.01**
4) U60863-003 ..... **$3.04**
5) U60863-009 ..... **$8.24**

For your covering and finishing needs, see the **Paint, Dope and Covering Supplies** section beginning on page 275. Univair stocks Tempo, Poly-Fiber, Randolph, Ceconite, and other fine lines.

Landing Gear

FAA/PMA APPROVED

J-5 LH Landing Gear, uncovered
U30452-000 ..... **$780.88**
J-5 RH Landing Gear, uncovered
U30452-001 ..... **$780.88**
PA-16 LH Landing Gear, uncovered
L11782-000 ..... **$1,858.22**
PA-16 RH Landing Gear, uncovered
L11782-001 ..... **$1,858.22**
PA-15/17 LH Landing Gear, uncovered
U11554-000 ..... **$867.75**
PA-15/17 RH Landing Gear, uncovered ..... U11554-001 ..... **$867.75**
J-5 Shock Strut, Long ..... U30432-000 ..... **$271.62**
J-5 Shock Strut, Short ..... U30442-006 ..... **$282.42**
J-5 Cabane Vee ..... U30473-000 ..... **$323.80**
PA-17 Shock Strut, Short ..... U11803-000 ..... **$336.05**
PA-17 Shock Strut, Long ..... U11804-000 ..... **$412.87**
PA-17 Shock Strut Adapter ..... U11806-000 ..... **$111.48**

PA-17 Shock Strut Pieces

FAA/PMA APPROVED

A) Long Strut ..... U11804-000 ..... **$412.87**
B) Short Strut ..... U11803-000 ..... **$336.05**
C) Adapter (2 required) ..... U11806-000 ..... **$111.48**

Note: The U11553-000 PA-15 landing gear brace is no longer available

Tailwheel Springs

FAA/PMA APPROVED

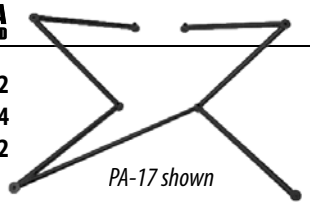
J-5 Spring Assembly
J3TWSHR **$126.61**
PA-15 Spring Assembly (PA15TWS)
PA17TWS **$97.50**
PA-16 Spring Assembly, SN 1 to 272
PA16TWS4L **$139.28**
PA-16 Spring Assembly, SN 273 and up (PA16TWS4L-1) .... PA18TWS4L ... **$152.25**
PA-17 Spring Assembly ..... PA17TWS **$97.50**

Miscellaneous

Engine Mounts

FAA/PMA APPROVED

J-5 ..... U00032-016 ..... **$1,097.32**
PA-16 ..... U11786-000 ..... **$1,215.44**
PA-17 ..... L11824-000 ..... **$616.22**


PA-17 shown

Fuel Drain Items

- *For J-3, J-4, PA-15/17 frame fuel tanks with 3/8 inch NPT drain boss*
- *Compliance with AD 85-06-04*

Aluminum Elbow ..... AN915-3D **$29.75**
Aluminum Reducer ..... AN912-3D **$5.00**
Drain Valve ..... 22179-000 ..... **$21.75**
Plastic Tube (sold per foot, 3 feet required) ..... 189-543 ..... **$0.95**

Spinner Assembly

FAA/PMA APPROVED

- *For PA-12, PA-16, PA-18, PA-20 and PA-22 with O-235 or O-290 engines with AM series Sensenich propellers*

Spinner Assembly ..... U13661-A **$496.98**

Shock Cords

For information on shock cords, see the **Supplies and Accessories** section beginning on page 334.

Piper Hub Caps

FAA/PMA APPROVED

- *Stamped metal, not plastic!*

Steel
- *For original 8.00 x 4 Goodrich wheels*
- *Raised lettering, stamped "CUB"*

Stamped with "CUB" ..... U31702-000 ..... **$30.69**
Plain (primed only) ..... U31702-002 ..... **$26.56**

Aluminum
- *For 6.00 x 6 Cleveland conversion wheels*
- *Raised lettering, stamped "CUB"*

Stamped with "CUB" ..... U1680-00 ..... **$26.74**
Plain (bare aluminum) ..... U1680-02 ..... **$24.96**

Cub Mask

Fits over the raised letters on the above hub caps and makes the job of painting cleaner and neater. Set of 2.

Cub Mask ..... CUB-MASK..... **$12.50**

Windshields

FAA/PMA APPROVED

J-4, Clear ..... 00079-020 ..... **$252.45**
J-4, Green Tint ..... 00079-020G **$301.46**
J-5, Clear ..... 52412-000 ..... **$273.24**
J-5, Green Tint ..... 52412-000G **$326.70**
J-5C, Clear ..... 10212-000 ..... **$254.68**
J-5C, Green Tint ..... 10212-000G **$305.17**
PA-15/16/17, Clear ..... 11631-000 ..... **$308.14**
PA-15/16/17, Green Tint ..... 11631-000G **$370.51**

Cleveland Wheel and Brake Kit

Convert from your Goodrich Wheels and Brakes to the new Cleveland Wheels and Brakes. Uses the 6.00 x 6 tires. FAA 337 or STC approval required for installation. Request STC SA11RM-1.25 when you purchase this kit and it is available at no charge. Not applicable on J-4 or J-5.

Lines and fittings pictured are not included in kit; order separately below.

Cleveland Conversion Kit ..... 199-07100 ..... **$1,989.00**

Installation may require:

Lines (2 each) ..... U60703-002 ..... **$50.70**
Elbows (2 each) (558-819) ..... 502X4 ..... **$15.82**
Elbows (2 each) (460-677) ..... 402X4 ..... **$3.50**
STC, for 1¼ inch axle ..... STC-SA11RM-1.25 ..... **$96.86**

Goodrich Brake Assembly Parts

- *For all Pipers with 8.00 x 4 wheels*
- *While supplies last!*

Brake Block (750-033) .... B27-59-1 .... **$53.62**
Spring (750-029) ..... B21-35 ..... **$6.90**
Shield (750-093) ..... A72-30 .... **$21.69**

Grove 800 x 4 Disk Brake Conversion

STC APPROVED

- *For J-3, J-4, J-5, PA-11, PA-15/17*
- *Bigger caliper for PA-12, PA-14, PA-16, PA-18, PA-20*
- *For Goodrich wheels and brakes only*
- *Maintain your classic look*
- *Use your existing wheels, tires and tubes*
- *Use your existing master cylinder and brake lines*
- *Easy installation – all parts and special tools included*

Grove Brake Conversion ..... 76002 ..... **$859.00**

Piper PA-18, PA-18A Index

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Many parts can be correctly identified by the nomenclature listed in this section. However, we suggest that you also have the correct parts manual for positive identification.

Manuals

Description	Part #	Price
Piper Cub Aircraft Log	750-111	**$18.54**
Piper Cub Engine Log	170-112	**$24.63**
PA-18 95/125hp Owners Manual	18WM125	**$12.25**
PA-18 95/135hp Owners Manual	18WM135	**$11.59**
PA-18 150hp Owners Manual, prior to 1974	18WM150	**$9.60**
PA-18 150hp Owners Manual, 1974 and later	18WM150-74	**$11.59**
PA-18 150hp Owners Manual, 1988 and up	18WM150-88	**$10.76**
PA-18 Parts Manual	18PM	**$25.59**
PA-18 Parts Manual, SN 9001 and up, 1988 and later	761-823	**$37.41**
PA-18 Piper Inspection Report	230-202	**$1.72**
Service Aids, Letters, Bulletins and Memos, PA-11 through PA-22	PBLPA	**$60.25**
L-21 Erection and Maintenance Manual	L21EM	**$50.32**
PA-18/19 90hp Flight Manual	18FM90	**$6.29**
PA-18 135hp Flight Manual	18FM135	**$8.94**
PA-18/18A 150hp Flight Manual	18FM150	**$6.29**
PA-18 Seaplane 150hp Flight Manual	18SFM150	**$1.72**
PA-18S and PA-19S Seaplane 108hp Flight Manual	18SFMS	**$1.72**
PA-18/20/22/25 Winter Supplement	18FMW	**$1.72**

Wings

Description	Part #	Price
Flap Push-Pull Rod Bearing	U452-335	**$34.45**
Wingtip Bow	U453-126	**$33.88**
Fuel Line Elbow (458-904)	AN914-1D	**$12.40**
Fuel Line Connector (460-649)	234X4	**$5.80**
Rib Diagonal Bracing, 18 inch length (U750-287-18)	U750-287	**$10.64**
Rear Spar Splice Kit	750-737	**$264.93**
Front Spar Splice Kit	750-738	**$278.13**
Fuel Cap Gasket	U60750-006	**$1.44**
Fuel Tank Strap Front Felt	10016-017	**$4.92**
Fuel Tank Strap Top Felt	10016-020	**$12.49**
Fuel Tank Strap Bottom Felt	10016-021	**$7.36**
#5 Drag Strut, Drag Wire Pull Fitting (U10171-005)	U10171-003	**$5.35**
Pulley Housing Assembly, LH	U10552-000	**$73.93**
Pulley Housing Assembly, RH	U10552-001	**$73.93**
RH Inboard Leading Edge, SN 3771, 3781 and up	U10630-005	**$100.94**
LH Inboard Leading Edge, SN 3771, 3781 and up	U10630-008	**$100.94**
RH Inboard Leading Edge, 95/135hp, SN 1 to 3770 and 3772 to 3780	U10630-009	**$95.00**
LH Inboard Leading Edge, 95/135hp, SN 469 to 3770 and 3772 to 3780	10630-011	**$161.71**
LH Inboard Center Leading Edge, 95/135hp, SN 1 to 3770 and 3772 to 3780	U10631-000	**$129.73**
RH Inboard Center Leading Edge, 95/135hp, SN 1 to 3770 and 3772 to 3780	U10631-001	**$127.37**
Tank Cover Support Assembly, 95hp	10633-005	**$61.83**
Drag Wire Pull Fitting Assembly	10175-000	**$48.56**
#1 LH Rib Assembly, 95hp	10634-004	**$216.00**
#1 RH Rib Assembly, 95hp, with right wing tank (10634-008)	U1219-01	**$148.26**
#2 RH Rib Assembly, 95hp, with right wing tank (10635-000)	U1224-00	**$80.92**
Drag Brace Tube	U10641-000	**$82.71**
Fuel Tank Strap	U10648-003	**$38.15**
Fuel Tank Strap	U10649-003	**$57.97**
Fuel Tank Strap	U10650-002	**$48.12**
#3 LH Rib Assembly, 95hp	10653-000	**$190.75**
#3 LH Rib Assembly, 105/150hp	10653-002	**$254.60**
#1 RH Rib Assembly, 95hp	10908-003	**$161.92**
#3 RH Rib Assembly, 95hp,	10907-000	**$129.35**
#3 RH Rib Assembly, 95hp, with RH wing tank	10653-006	**$190.75**
Fuel Gauge Glass Tube	U10852-000	**$17.04**
Aileron Hinge Bracket	U10703-000	**$98.38**
Flap Inboard Hinge Bracket	U10703-003	**$94.39**
Flap Outboard Hinge Bracket	U10703-004	**$101.44**
Fuel Gauge Assembly	U10804-000	**$167.50**
Fuel Gauge Housing	U10837-000	**$91.41**
Fuel Gauge Bushing	U10847-000	**$15.09**
Fuel Gauge Float	U10853-000	**$5.35**
Flap Hinge Bearing Block	U10921-000	**$18.34**
Flap Hinge Bearing Block	U10921-002	**$23.42**
Trailing Edge Reinforcing Plate	11473-047	**$9.60**
Wing Root Top Fairing	U11523-000	**$59.27**

Flap Bellcrank Bracket	U11672-000	**$48.74**
Angle Reinforcement	U11675-002	**$11.35**
Angle Reinforcement	U11675-003	**$11.35**
Flap Push-Pull Control Rod	U11677-000	**$33.12**
Stop Plate	U11678-000	**$16.08**
Inboard Flap Hinge Assembly, 105/150hp	U11682-000	**$122.25**
LH Fairing Attach Plate	U11719-000	**$81.09**
RH Fairing Attach Plate	U11719-001	**$77.51**
LH Strainer Tube, SN 469 and up	11987-025	**$20.07**
Channel Brace	U12252-008	**$8.30**
LH Bottom Front Fairing	U12274-000	**$48.95**
RH Bottom Front Fairing	U12274-002	**$50.17**
LH Rear Bottom Fairing	U12275-000	**$51.68**
RH Rear Bottom Fairing	U12275-001	**$51.68**
LH Wing Root Fairing	U12276-000	**$46.04**
RH Wing Root Fairing	U12276-001	**$46.04**
Tie Down Fitting	U12345-004	**$39.86**
Fuel Tank Cover, SN 469 and up	U12570-009	**$243.71**
Front Spar Rear Angle Brace	12692-005	**$7.76**
Rear Spar Front Angle Brace	12692-006	**$8.08**
Bellcrank Screw	12713-004	**$1.95**
Round Inspection Plate, Original Piper Style	U12761-002	**$34.41**
Generic	483-10	**$2.25**
LH Flap Fairing	U12795-000	**$49.05**
RH Flap Fairing	U12795-001	**$49.05**
Door Catch Mounting Bracket	U12847-000	**$20.76**
#5 Rib, LH, 95hp (13042-000)	U1222-00	**$116.54**
#5 Rib, RH, 95hp (13042-001)	U1222-01	**$116.54**
Outboard Leading Edge Skin	U13072-005	**$46.16**
Outboard Leading Edge Skin, SN 3771, 3781 and up	U13072-006	**$72.29**
Airspeed Tube Assembly	U13764-000	**$144.84**
Rear Spar Butt Hinge Fitting	U14161-000	**$26.61**
Lift Strut Attach Fitting, Rear	U14182-000	**$26.02**
Lift Strut Attach Fitting, Forward	U14192-000	**$35.63**
Aileron Pulley Housing Attach Bracket	U14261-000	**$13.95**

Spars for PA-18

FAA/PMA APPROVED

- *For PA-18, serial numbers 18-3771 and up*

Left Front Spar
U14391-002 ..... **$330.52**
Right Front Spar
U14391-003 ..... **$330.52**

Left Rear Spar	U14392-002	**$251.81**
Right Rear Spar	U14392-003	**$251.81**

Aluminum Bearing Block Repair Kit

STC APPROVED

- *STC approved for use on Piper J-3, J-4, PA-11, PA-12, PA-14, PA-15, PA-16, PA-17, PA-18, PA-20, PA-22, and PA-25*
- *Provide aircraft model, registration numbers, and serial number when ordering*

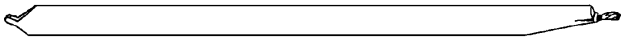
Simple repair for most all fabric-covered Piper. Allows repair of bearing block on flap and aileron hinge, and avoids need to replace bearing blocks. Simple and practical repair. Basic kit includes 4 bushings, reamer, adhesive, and 2 new clevis pins.

Piper Bearing Block Repair Kit	STC-SA02128LA	**$197.50**

Oiled and Sealed Lift Struts

FAA/PMA APPROVED

End repetitive AD inspections of your struts and forks! These struts include the new heavy duty, heat treated, ⅝ inch rolled thread fork and comply with AD 2015-08-04.



Front Strut	U89497-002	**$499.80**
Rear Strut	U89498-002	**$499.80**
Front Strut, Heavy Duty*	U89497-102	**$625.00**
Rear Strut, Heavy Duty**	U89498-102	**$560.49**
Clamp for Heavy Duty Rear Strut (10656-102)	U89498-201	**$15.94**

**Designed with stiffener channel welded in to help prevent wind and snow damage.*
***Designed with 4130 steel to help prevent strut failure due to wind and heavy snow loads. Includes a new heavy duty jury strut clamp.*

Lift Strut Hardware

Bolt	U13241-000	**$12.79**
Nut	AN320-6	**$1.56**
Cotter Pin (AN380-3-3)	MS24665-283	**$0.04**

Stainless Steel Lift Strut Forks

FAA/PMA APPROVED

A

B

A) Original Size 7/16 inch-diameter rolled thread fork, (nut not provided) ..... U14481-003 ..... **$80.33**
B) Heavy Duty ⅝ inch-diameter heat treated fork for sealed struts only (supplied with nut) ..... U89201-003 ..... **$109.35**

"NO STEP" Placard for Lift Struts

- *Reflective silver with black letters*
- *Self-adhesive sticker*

80944-002 ..... **$2.41**

Ailerons and Flaps, uncovered

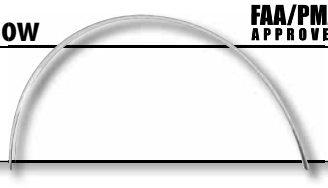
FAA/PMA APPROVED

Left Aileron	U42585-000	**$1,093.07**
Right Aileron	U42585-001	**$1,093.07**
Left Flap	U12768-000	**$907.75**
Right Flap	U12768-001	**$907.75**

Wooden Wingtip Bow

FAA/PMA APPROVED

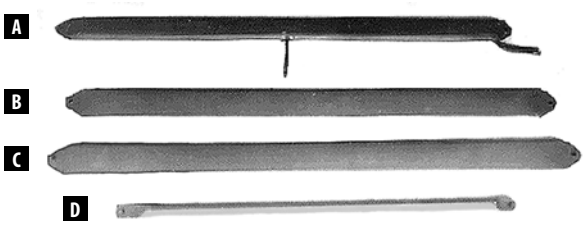
U453-126 ..... **$33.88**



Description	Part #	Price
Strut Attach Fitting Filler Block	U14271-000	**$27.45**
Aileron Hinge Reinforcement Angle, LH	U14291-000	**$15.68**
Aileron Hinge Reinforcement Angle, RH	U14291-001	**$15.41**
Center Inboard Leading Edge Cover,		
LH, 135/150hp, SN 3771 and 3781 and up	U14387-000	**$87.33**
RH, 135/150hp, SN 3771 and 3781 and up	U14387-001	**$87.33**
Center Outboard Leading Edge Cover,		
LH, 135/150hp, SN 3771 and 3781 and up	U14389-000	**$113.66**
RH, 135/150hp, SN 3771 and 3781 and up	U14389-001	**$106.72**
#2 Drag Strut Reinforcement Angle	U14401-003	**$10.13**
#3 Drag Strut Reinforcement Angle	U14401-004	**$9.65**
#5 Drag Strut Reinforcement Angle	U14401-005	**$13.57**
#1 Drag Strut Reinforcement Angle	U14401-008	**$12.49**
#2 Drag Strut Reinforcement Angle	U14411-002	**$10.02**
#3 Drag Strut Reinforcement Angle	U14411-003	**$12.69**
#5 Drag Strut Reinforcement Angle	U14411-004	**$9.36**
Rear Spar, LH, 95hp	U14453-002	**$272.17**
Rear Spar, RH, 95hp	U14453-003	**$272.17**
Filler Block	U14461-000	**$34.94**
False Spar Brace Assembly	U14541-000	**$30.43**
Aileron Stop Assembly	U14581-000	**$93.84**
Left Front Strut with Pitot Tube		
(fits 95/125hp models)	U12931-000	**$143.06**
Jury Strut Spacer Tube	U12591-002	**$61.50**
Pulley Bracket Reinforcement Angle, RH	U14571-001	**$4.71**
LH Inboard Aileron Pulley Bracket, ½ inch	U14611-000	**$10.70**
RH Inboard Aileron Pulley Bracket, ½ inch	U14611-001	**$10.70**
LH Outboard Aileron Pulley Bracket, ½ inch	U14621-000	**$30.69**
RH Outboard Aileron Pulley Bracket, ½ inch	U14621-001	**$30.69**
Leading Edge Cover, RH,		
without RH fuel tank	U15472-001	**$114.11**
Center Leading Edge Cover, LH, 95-135hp	U15482-000	**$125.30**
Center Leading Edge Cover, RH, 95-135hp	U15482-001	**$125.30**
Fitting Spacer	U15631-002	**$13.33**
Fitting Spacer	U15631-003	**$13.33**
Leading Edge Tip Cover, LH	U15723-000	**$185.77**
Leading Edge Tip Cover, RH	U15723-001	**$185.77**
Wing Grommet	U15761-000	**$6.40**
Wing Trailing Edge, 95hp	U15773-000	**$65.26**
Wingtip Bow Front Spar Fitting	U16551-000	**$15.65**
Wingtip Bow Front Spar Fitting	U16561-000	**$17.00**
Wingtip Bow Rear Spar Fitting	U16601-000	**$17.16**
Wingtip Bow Rear Spar Fitting	U16611-000	**$11.90**
Rib Repair Cap	U16651-004	**$8.58**
Aileron Horn Assembly	U40501-000	**$138.63**
Long Fairlead Segment	U40701-000	**$0.96**
Aileron Pulley Housing	U41291-000	**$41.06**
Aileron Inboard and Outboard Hinge	U41881-000	**$57.32**
Aileron Center Hinge	U41891-000	**$56.79**
Aileron Trailing Edge	U42922-000	**$21.85**
Door Latch Kit	U52745-000	**$3.33**
Aileron Pulley Cover Grommet	U60671-000	**$8.53**
Aileron Pulley Cover Cup	U60752-000	**$44.22**
Leather Reinforcement	U60863-003	**$3.04**
Leather Reinforcement	U60863-009	**$8.24**
Tank Outlet Strainer Assembly	U72091-000	**$50.85**
Tank Filler Cap Flange	74181-000	**$18.96**
Jury Strut Clamp	U80002-041	**$16.38**
Tank Strap Stud	U80111-000	**$13.79**
Attach Washer	U80122-011	**$0.83**
Round Inspection Ring, Original Piper Style	U85012-078	**$6.60**
Generic Round Inspection Ring	483-15	**$0.72**
Filler Neck Washer	U80122-048	**$5.86**
Grommet	81232-015	**$1.75**
Flex Hose	U82371-007	**$14.83**
Fuel Hose	U82371-031	**$22.35**
Inspection Cover	U82461-000	**$13.23**
Bushing	U82732-024	**$9.86**
Gasket	U85012-051	**$4.07**

Jury Struts

FAA/PMA APPROVED



A) Left Front with Pitot Tube (fits 95/125hp models)	U12931-000	**$143.06**
B) LH or RH Front, 135/150hp	U12571-002	**$86.61**
C) LH or RH Rear, 135/150hp	U12571-003	**$72.50**
D) Jury Strut Spacer Tube	U12591-002	**$61.50**

Jury Strut Clamp Assemblies

Jury Strut Clamp Assembly		
Front	U10654-002	**$26.78**
Rear	U10656-000	**$26.53**

Flap Control Bellcrank

FAA/PMA APPROVED

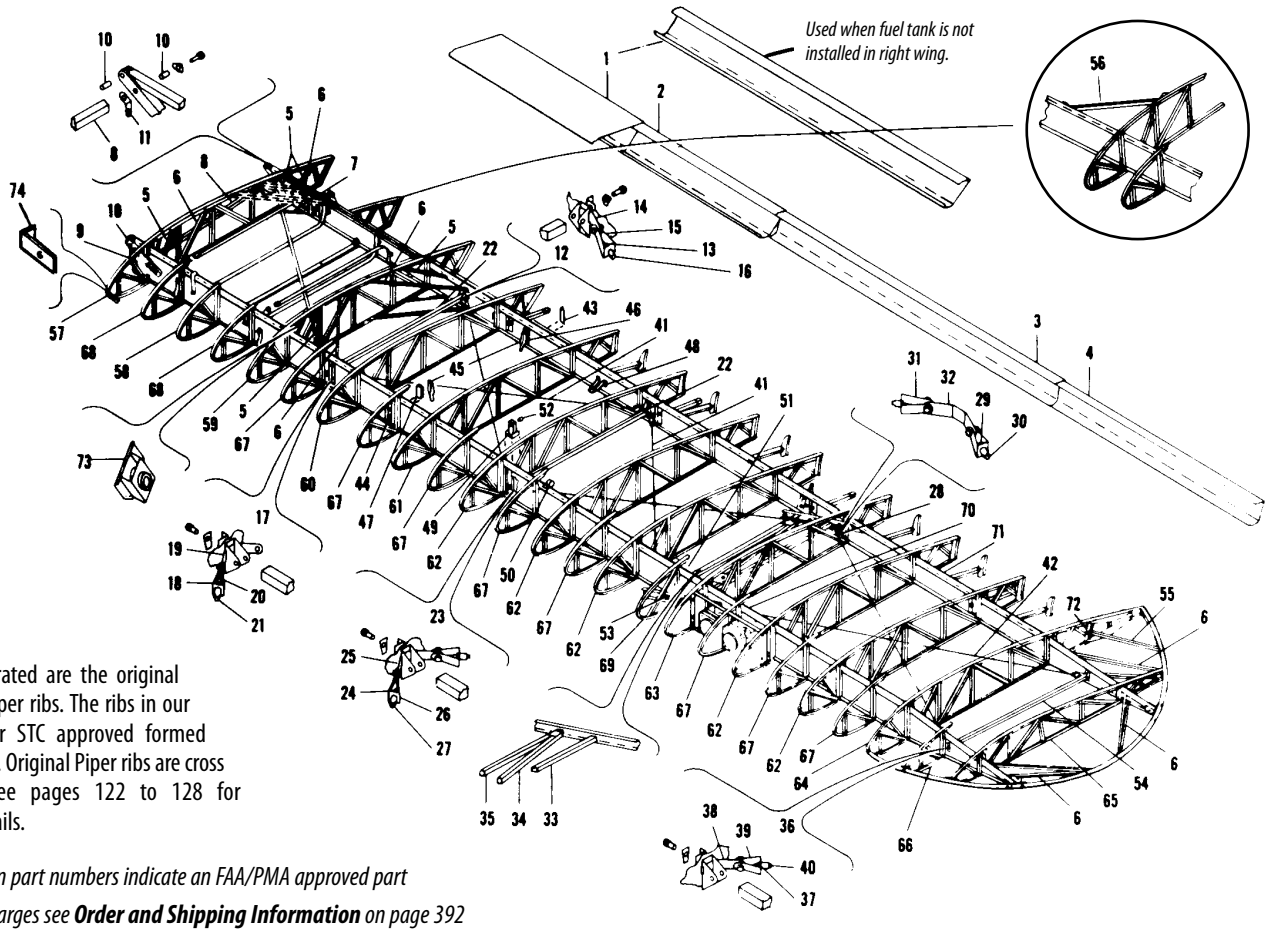
Right	U40092-009	**$120.77**
Left	U40092-010	**$120.77**

PA-18 Wing Assemblies

- *Uncovered*
- *Made with Univair stamped ribs*

PA-18, 95hp; all SNs without tank well; Right	10625-003UR	**$6,413.22**
PA-18, 95hp; SN 1 to 468; Left	10625-004UR	**$6,413.22**
PA-18, 95hp; all SNs with tank well; Right	10625-005UR	**$6,413.22**
PA-18, 95hp; SN 469 and up; Left	10625-006UR	**$6,413.22**
PA-18, 105/125hp; SN 1351 to 3780,		
excluding 3771; Right	12778-003UR	**$8,276.11**
PA-18, 135hp; SN 1 to 3780 excluding 3771; Left	12778-008UR	**$8,445.76**
PA-18, 150hp; SN 3771, 3781 to 8919; Left		
(wing assembly is STC/PMA approved)	U14394-000	**$10,149.00**
PA-18, 150hp; SN 3771, 3781 to 8919; Right		
(wing assembly is STC/PMA approved)	U14394-001	**$9,817.50**

Wing Assembly, 105–150hp Models



The ribs illustrated are the original "Truss type" Piper ribs. The ribs in our listing are our STC approved formed aluminum ribs. Original Piper ribs are cross referenced. See pages 122 to 128 for additional details.

- *"U" prefixes on part numbers indicate an FAA/PMA approved part*
- *For crating charges see* ***Order and Shipping Information*** *on page 392*

Fig #	Part #	Code	Description	# Req'd	SN's Affected	Price
1	U12784-000		Spar, False, LH Flap (105hp)	1	1 to 468	**$137.75**
	U12784-005		Spar, False, LH Flap (105, 125, 135hp)	1	469 to 3770 and 3772 to 3781	**$258.08**
	U12784-003	A, B	Spar, False, RH Flap (105, 125, 135hp)	1		**$258.08**
	U12783-000		Spar, False, RH Flap, when fuel tank is not installed (105, 125hp)	1		**$94.28**
	U14385-000		Spar, False, LH Inboard Flap (135, 150hp)	1	3771, and 3781 and up	**$137.57**
	U14385-001		Spar, False, RH Inboard Flap (135, 150hp)	1	3771, and 3781 and up	**$159.50**
2	U11670-002	B	Spar, False, LH Flap (105, 125, 135hp)	1		**$44.27**
	U11670-003	A, B	Spar, False, RH Flap (105, 125, 135hp)	1		**$50.05**
	U11670-004		Spar, False, LH Outboard Flap (135, 150hp)	1	3771, and 3781 and up	**$33.91**
	U11670-005		Spar, False, RH Outboard Flap (135, 150hp)	1	3771, and 3781 and up	**$33.91**
3	U15562-000	C	Spar, False, LH Aileron (95, 105, 125, 135hp)	1		**$46.04**
	U15562-001	C	Spar, False, RH Aileron (95, 105, 125, 135hp)	1		**$49.42**
	U14382-000		Spar, False, LH Inboard Aileron (135, 150hp)	1	3771, and 3781 and up	**$41.96**
	U14382-001		Spar, False, RH Inboard Aileron (135, 150hp)	1	3771, and 3781 and up	**$40.89**
4	U15572-000	C	Spar, False, LH Aileron (95, 105, 125, 135hp)	1		**$48.45**
	U15572-001	C	Spar, False, RH Aileron (95, 105, 125, 135hp)	1		**$37.86**
	U15572-002		Spar, False, LH Outboard Aileron (135, 150hp)	1	3771, and 3781 and up	**$37.86**
	U15572-003		Spar, False, RH Outboard Aileron (135, 150hp)	1	3771, and 1781 and up	**$37.86**
5	U12252-002		Brace, Channel, (4) Left Wing, (5) Right Wing (8 per ship when fuel tank is installed in right wing), 105-150hp, 8½ inches long	9		**$9.54**
6	U12252-003		Brace, Channel, (8) Left Wing, (9) Right Wing (16 per ship when fuel tank is installed in right wing), 105-150hp, 16 inches long	17		**$10.61**

Chart continued on next page

Wing Assembly (continued)

Fig #	Part #	Code	Description	# Req'd	SN's Affected	Price
7	U12252-006		Brace, Channel (2 per ship when fuel tank is installed in right wing), 105-150hp, 6¼ inches long	1		$10.35
8	U14232-002		Strut, Drag # 1	2		$88.23
9	80122-025		Washer at # 1 Drag Strut, LH (2 per ship when fuel tank is installed in right wing)	1		$6.92
10	80022-031		Bushing Insert, Butt Hinge and # 1 Drag Strut	6		$8.69
11	U10171-004		Fitting Attachment, LH Brace Tube (2 per ship when fuel tank is installed in right wing)	1		$5.35
12	AN3-5A		Bolt	1		$0.16
	MS21044N3		Nut (AN365-1032)	1		$0.20
	NAS1149F0363P		Washer (AN960-10)	2		$0.04
13	U81102-003		Washer, square	1		$3.36
14	U10171-004		Fitting	1		$5.35
15	U10221-000		Clevis	1		$13.02
16	U10201-000		Nipple	1		$8.62
17	AN3-5A		Bolt	1		$0.16
	MS21044N3		Nut (AN365-1032)	1		$0.20
	NAS1149F0363P		Washer (AN960-10)	2		$0.04
18	U81102-003		Washer, square	1		$3.36
19	U10161-004		Fitting	1		$11.49
20	U10221-000		Clevis	1		$13.02
21	U10201-000		Nipple	1		$8.62
22	U14222-002		Strut Assembly, Drag # 2 and # 3	4		$103.26
23	AN3-5A		Bolt	2		$0.16
	MS21044N3		Nut (AN365-1032)	2		$0.20
	NAS1149F0363P		Washer (AN960-10)	4		$0.04
24	U81102-003		Washer, square	2		$3.36
25	U10161-005		Fitting	1		$11.49
26	U10221-000		Clevis	2		$13.02
27	U10201-000		Nipple	2		$8.62
28	AN3-5A		Bolt	2		$0.16
	MS21044N3		Nut (AN365-1032)	2		$0.20
	NAS1149F0363P		Washer (AN960-10)	4		$0.04
29	U81102-003		Washer, square	2		$3.36
30	U10201-000		Nipple	2		$8.62
31	U10221-000		Clevis	2		$13.02
32	U10161-005		Fitting, Wire Pull	1		$11.49
33	U16462-000		Tube Assembly, Drag Strut, Upper "N" Brace	2		$89.25
34	U10112-007		Tube, Drag Strut, "N" Brace	2		$42.95
35	U16472-000		Tube Assembly, Drag Strut, Lower "N" Brace	2		$96.49
36	AN3-5A		Bolt	1		$0.16
	MS21044N3		Nut (AN365-1032)	1		$0.20
	NAS1149F0363P		Washer (AN960-10)	2		$0.04
37	U81102-003		Washer, square	1		$3.36
38	U10171-003		Fitting, Wire Pull (U10171-005)	1		$5.35
39	U10221-000		Clevis	1		$13.02
40	U10201-000		Nipple	1		$8.62
41	U14941-006		Wires, Drag # 1, 2 and 3 bay (6) right wing, (4) left wing. 8 per ship when fuel tank is installed in right wing; 44⅞ inches long	10		$22.22
42	U14941-007		Wires, Drag, 56¼ inches long	4		$21.97
43	U14361-002		Angle, Rear Spar	2		$11.68
44	U14361-003		Angle, Front Spar	2		$22.63
45	U12581-000		Fitting, Front and Rear Spar, Jury Strut	4		$15.58
46	U14371-002		Block, Filler, Rear Spar	2		$14.83
47	U14371-003		Block, Filler, Front Spar	2		$18.99
48	U11580-000		Bracket, Airspeed (135, 150hp)	1	1810 and up	$13.50
49	U10644-000		Bracket Assembly, Pulley	2		$49.47

Chart continued on next page

Wing Assembly (continued)

Fig #	Part #	Code	Description	# Req'd	SN's Affected	Price
50	U11061-000		Clip, Navigation Light Wire	22		$5.68
51	U10531-000	A	Former, Fabric LH, "N" Brace Assembly, 95-135hp	1		$49.02
52	U80012-003		Bushing Insert, Pulley	2		$4.37
53	U10151-000		Plate, Lock	24		$2.26
54	U14222-000		Strut Assembly, Drag # 5	2		$101.49
55	U12252-005		Brace, Channel, 11 inches long	2		$9.54
56	U12252-004	A	Brace, Channel (when fuel tank is not installed), # 2 Rib, RH, 17 inches long	1		$9.54
57	U1215-01	D	Rib Assembly, # 1 LH Butt (105-150hp); original part number 10634-005	1		$124.25
	U1215-02		Rib Assembly, # 1 RH Butt (105-150hp) ; original part number 10634-007	1		$101.49
	U1215-10		Rib Assembly, # 1 RH Butt (105, 125hp) ; original part number 10908-004	1		$76.64
58	U1214-00		Rib Assembly, # 2 LH (# 2 and # 3 on SN 3771 and 3781 and up); original part number 10635-002	1		$106.25
	U1212-00		Rib Assembly, # 2 RH; original part number 13052-007	1		$132.09
	U1214-00	D	Rib Assembly, # 2 RH (# 2 and #. 3 on SN 3771 and 3781 and up); original part number 10635-002	1		$106.25
59	U1213-01		Rib Assembly, # 3 LH (105, 125, 135hp; # 4 on 135, 150hp; SN 3771 and 3781 and up) ; original part number 10653-002	1	1 to 3780, except 3771	$93.12
	U1213-02		Rib Assembly, # 3 RH (105-125hp) ; original part number 10907-002	1		$78.56
	U1213-00	D	Rib Assembly, # 3 RH (105, 125, 135hp; # 4 on 135, 150hp; SN 3771 and 3781 and up) ; original part number 10653-005	1	1 to 3780, except 3771	$99.45
60	U1212-00	C	Rib Assembly, # 4 (105-135hp, # 5 on 135, 150hp, SN 3771 and 3781 and up) ; original part number 13052-007	2		$132.09
61	U1210-01	C	Rib Assembly, # 5 LH (105-135hp) ; original part number 13042-002	1		$99.20
	U1210-00	C	Rib Assembly, # 5 RH (105-135hp) ; original part number 13042-003	1		$103.52
	U1211-01	B	Rib Assembly, # 6 RH (135, 150hp) ; original part number 13052-009	1		$103.52
	U1211-00	B	Rib Assembly, # 6 LH (135, 150hp) ; original part number 13052-010	1		$101.49
62	U1207-00	A	Rib Assembly, # 6, 7, 8, 10 and 11 (95-135hp) ; original part number 13022-020	10		$91.29
	U1210-01	B	Rib Assembly, # 7 (135, 150hp); original part number 13042-002	1		$99.20
	U1210-00	B	Rib Assembly, # 7 (135, 150hp) ; original part number 13042-003	1		$103.52
	U1209-00	B	Rib Assembly, # 8 (135, 150hp) ; original part number 13022-010	2		$118.87
	U1207-00	B	Rib Assembly, # 9 and # 12 (135, 150hp) ; original part number 13022-011	4		$91.29
	U1208-00	B	Rib Assembly, # 11 (135, 150hp) ; original part number 13022-009	2		$126.74
63	U1208-00	A	Rib Assembly, # 9 (95-135hp) ; original part number 13022-009	2		$126.74
	U1207-00	B	Rib Assembly, # 10, 13 and 14 (135, 150hp) ; original part number 13022-002	6		$91.29
64	U1206-00	A	Rib Assembly, # 12 LH (95-135hp) ; original part number 12902-000	1		$142.29
	U1206-01	A	Rib Assembly, # 12 RH (95-135hp) ; original part number 12902-001	1		$124.33
	U1206-00	B	Rib Assembly, # 15 LH Outboard Aileron(135, 150hp) ; original part number 12902-000	1		$142.29
	U1206-01	B	Rib Assembly, # 15 RH Outboard Aileron (135, 150hp) ; original part number 12902-001	1		$124.33
65	U1202-00	A	Rib Assembly, # 13 LH Tip (95-135hp) ; original part number 10742-002	1		$126.99
	U1202-01	A	Rib Assembly, # 13 RH Tip (95-135hp) ; original part number 10742-003	1		$121.89
	U1202-00	B	Rib Assembly, # 16 LH Tip (135, 150hp) ; original part number 10742-002	1		$126.99
	U1202-01	B	Rib Assembly, # 16 RH Tip (135, 150hp) ; original part number 10742-003	1		$121.89
66	U1216-00		Rib, Nose LH Tip ; original part number 16192-000	1		$23.49
	U1216-01		Rib, Nose RH Tip ; original part number 16192-001	1		$35.01
67	U1200-02		Rib Assembly, Nose, (10) right wing, (8) left wing (16 per ship when fuel tank is installed in right wing), 20 per ship (135, 150hp, SN 3771 and 3781 and up) ; original part number 12662-002 or 15831-002	18		$21.82
68	U1200-08	C	Rib Assembly, Nose, special, # 1 and 2, left wing (4 per ship when fuel tank is installed in right wing) ; original part number 12662-004	2		$23.88
69	U1200-05	C	Rib Assembly, Nose ; original part number 15712-000	1		$30.69
	U1200-05	B	Rib Assembly, Nose, at lift strut fitting installation (135, 150hp); original part number 15712-002/-000	2		$30.69

Chart continued on next page

Wing Assembly (continued)

Fig #	Part #	Code	Description	# Req'd	SN's Affected	Price
70	14383-004	A	Spar Assembly, LH Front (95-135hp)	1		**$323.54**
	14383-005	A	Spar Assembly, RH Front (95-135hp)	1		**$323.54**
	U14391-002	B	Spar Assembly, LH Front (135, 150hp)	1		**$330.52**
	U14391-003	B	Spar Assembly, RH Front (135, 150hp)	1		**$330.52**
71	U14453-004	C	Spar Assembly, LH Rear (105-135hp)	1		**$290.49**
	U14453-005	C	Spar Assembly, RH Rear (105-135hp)	1		**$290.49**
	U14392-002	B	Spar Assembly, LH Rear (135, 150hp)	1		**$251.81**
	U14392-003	B	Spar Assembly, RH Rear (135, 150hp)	1		**$251.81**
72	U13171-000		Gusset, False Spar Installation (4 per ship, 95hp)	2		**$22.88**
73	U11151-002		Plate, "U," Fairlead Retainer	4		**$6.83**
74	12331-002	B	Plate, Butt Rib and Leading Edge Attachment (135, 150hp)	2		**$9.48**

Code A: Used when fuel tank is installed in right wing.
Code B: Used on airplanes with serial numbers 1 to 3770, and 3772 to 3780.
Code C: Used on all PA-18 95hp airplanes. Used on PA-18 and PA-18A 105, 125 and 150hp aircraft with serial numbers 1 to 3770 and 3772 to 3780.
Code D: Used when fuel tank is installed in right wing.

Frame

Description	Part #	Price
Door Enclosure Moulding (per foot)	187-610	**$1.41**
Ventilator Knob, Black	471-059	**$2.35**
Shoulder Harness Attach Link	472-682	**$10.30**
Plate	480-929	**$4.52**
Non-Recording Tachometer Shaft, 34 inches long (486-565)	U1713-N340	**$111.48**
Spring	487-272	**$39.50**
¼ inch Steel U Channel (6-ft length) (750-284)	X141472	**$4.65**
⅜ inch Steel U Channel (6-ft length)		
24 Gauge (.024)	U750-285	**$8.57**
20 Gauge (.036)	U750-285HD	**$6.61**
Front Bulkhead Section	U751-376	**$1,055.51**
Top Deck Assembly	U752-978	**$1,667.34**
Top Deck Superstructure	U752-979	**$613.32**
Door Assembly – Front Trim Strip	10049-002	**$30.87**
Rear Window Channel	U10058-000	**$93.12**
Front Bottom Channel, LH	J10061-000	**$17.85**
Brake Unit Support Channel	10134-000	**$23.85**
Stabilizer Yoke Insp. Grommet	U10292-000	**$9.55**
Tail Inspection Grommet	U10293-000	**$7.87**
Lower Door Hinge Half	U10300-002	**$10.64**
Front Seat Front Clamp Fitting	U10466-009	**$40.92**
Rear Window	10545-000	**$37.87**
Front Floorboard, 95-125hp	U10737-002	**$112.56**
Rear Seat Bottom Cushion,		
SN 1 to 3770, 3772 to 3780	10763-010-1	**$129.97**
SN 1 to 3770, 3772 to 3780	10763-010-3	**$106.64**
SN 1 to 3770, 3772 to 3780	10763-010-4	**$106.64**
Frame Cowl, 95hp, SN 1 to 5933*	U10789-002	**$1,222.73**
**Must be sent motor freight; additional crating charges CR13 apply*		
Windshield Front Strip, 95hp only	U10793-000	**$99.67**
Cowl Attach Angle, 95hp only	U10796-000	**$26.76**
Cowl Attach Angle, 95hp only	U10797-000	**$33.81**
Rear Floorboard, PA-18 only	U10799-000	**$122.16**
Cockpit Center Panel, RH	10930-000	**$74.31**
Stabilizer Yoke Inspection Grommet	U10984-000	**$13.73**
Starter Placard	11015-000	**$7.27**
Control Stick Lock Clamp Assembly	11299-004	**$138.47**
Baggage Compartment Rear Support Angle	11408-012	**$19.77**
Baggage Compartment Support Angle, RH	11408-013	**$11.95**
Baggage Compartment Support Angle, LH	11408-014	**$21.95**
Seat Spring Connector Link	11420-003	**$4.99**
Sliding Window Channel		
Front and Rear Weatherstrip	U11432-009	**$27.01**
Top Weatherstrip	U11432-010	**$40.27**
Bottom Weatherstrip	U11432-011	**$38.68**
Stringer Spacer Plate, LH	11473-032	**$3.20**
Sliding Window Bottom Channel	U11546-002	**$59.59**
Sliding Window Channel Weatherstrip Edge	U11648-002	**$67.22**
Elevator Cable Pulley Bracket	U11692-000	**$20.47**
Rudder Cable Pulley Bracket	U11692-002	**$13.11**
Rear Wing Hinge Fitting, LH	U11821-000	**$33.90**
Rear Wing Hinge Fitting, RH	U11821-001	**$33.90**
Baggage Strap Assembly	12036-002	**$14.63**
Baggage Strap Assembly	12036-003	**$15.36**
Seat Release Lever	U12079-000	**$56.44**
Elevator Cable Pulley Bracket	J12179-000	**$21.69**
Landing Gear and Lift Strut Rear Fitting, LH or RH	U12184-002	**$169.32**
#3 Headliner Arch	12193-008	**$58.52**
#1 Headliner Arch	12193-010	**$63.27**
Windshield Channel, RH	12200-000	**$35.16**
Windshield Channel, LH	U12202-000	**$44.14**
Sliding Window Bottom Channel	U12203-000	**$44.14**
Door Enclosure Upper Front Channel	U12205-002	**$19.50**
Door Enclosure Lower Front Channel	U12205-003	**$28.87**
Door Enclosure Lower Rear Channel	12205-004	**$23.29**
Door Enclosure Upper Rear Channel	U12205-005	**$24.82**

PIPER PA-18, PA-18A

Description	Part #	Price
Window Channel	U12205-006	**$15.87**
Window Channel	U12206-000	**$25.21**
Forward Window, LH, SN 1 to 3013	12253-000	**$34.90**
Front Sliding Window Assembly	U12254-000	**$340.53**
Rear Sliding Window Assembly	U12255-000	**$305.51**
Top Door Assembly	12256-010	**$328.35**
Sliding Window Exterior Trim Strip	12259-000	**$52.64**
Windshield Interior Trim Strip, LH	12261-000	**$23.32**
Windshield Exterior Trim Strip, LH	12264-000	**$15.03**
Windshield Exterior Trim Strip, RH	12264-001	**$14.18**
Top Deck Window Trim Strip	12265-000	**$21.82**
Moulding Attach Strip	12266-003	**$2.77**
Front Seat Frame Assembly	12267-015	**$1,249.50**
Front Seat Base Assembly, 95hp	12268-000	**$350.98**
Front Seat Kit, 95hp	12268-000-XK	**$1,315.22**
Front Seat Kit, 105-135hp	12268-011-XK	**$1,784.85**
Door Window	12279-000	**$68.31**
Baggage Compartment Bottom Panel	12284-002	**$90.19**
Rear Seat Bottom Canvas	12286-000	**$37.49**
Rear Seat Back Canvas	12287-000	**$34.95**
Rear Seat Back Cushion Assembly	12289-000-1	**$131.24**
Front Seat Bottom Canvas	12290-000	**$34.95**
Cockpit Center Panel, LH, 105-150hp	12308-005	**$116.00**
Throttle Control Panel (12309-000)	U12309-008	**$180.01**
Cockpit Front Panel, RH	12311-000	**$99.43**
Rear of Throttle Panel, LH (PA-18 only)	U12314-000	**$111.48**
Windshield Front Strip	U12377-000	**$118.74**
Windshield Rear Strip	U12378-000	**$110.36**
Cowl Attach Angle	U12379-000	**$10.50**
Cowl Attach Angle	U12379-002	**$10.50**
Frame Cowl, 135-150hp, SN 2168 to 8019*	U12381-002	**$1,170.45**
**Must be sent motor freight; additional crating charges CR13 apply*		
Windshield	12430-000	**$251.71**
RH Upper Trim Panel, without electrical system, 95-125hp	U12618-000	**$34.44**
RH Upper Trim Panel, with electrical system, 95-125hp	U12618-002	**$71.84**
RH Upper Trim Panel, with RH fuel tank, without electrical system	U12618-003	**$79.35**
RH Upper Trim Panel, with electrical system and fuel gauge	U12618-004	**$79.35**
LH Upper Trim Panel	12617-000	**$92.03**
Rear Side Stringer, LH	12735-003	**$87.01**
Front Wing Hinge Fitting, LH	U12767-000	**$77.82**
Front Wing Hinge Fitting, RH	U12767-001	**$77.82**
Flap Lever Ratchet	U12776-000	**$32.44**
Pulley Cover	U12810-000	**$32.10**
Side Panel, LH	U12818-000	**$63.40**
Side Panel, RH	U12818-001	**$63.40**
Fuel Shut-Off Valve Mounting Plate	12835-000	**$21.45**
Sliding Window Interior Trim Strip	U13091-000	**$40.86**
Moulding Attach Trim Strip	U13093-000	**$40.16**
Rear Shoulder Strap Assembly	13129-005	**$24.10**
Front Shoulder Strap Assembly Gray, SN 4618 and up	13129-009	**$147.60**
Elevator Cable Guard	U13298-000	**$91.86**

Description	Part #	Price
Front Strap Bracket Assembly	13300-000	**$139.72**
Front Strut Installation Clamp	13305-000	**$17.20**
Trim Plate, SN 549 and up	U13373-002	**$22.87**
Trim Plate, 150hp, SN 549 to 8019	U13373-003	**$22.87**
Trim Plate, SN 8020 and up	U13373-004	**$35.58**
Top Deck Window	13433-000	**$129.20**
Top Deck Window, Tinted	13433-002	**$155.18**
Rear Seat Bottom Frame (PA-18A)	13453-000	**$413.82**
Rear Seat Bottom Assembly (PA-18A) (13454-000)	13453-000	**$413.82**
and	12286-000	**$37.49**
Rear Seat Back Tube Assembly (PA-18A)	13455-000	**$60.33**
Air Vent Control Arm Assembly, SN 2168 and up	13483-000	**$55.46**
Front Floorboard, SN 3781 and up	13743-000	**$90.19**
Cold Air Vent Box Assembly, SN 2168 and up	14059-000	**$541.62**
Box Assembly Valve, SN 2168 and up	14060-000	**$236.69**
Box Assembly Gasket, SN 2168 and up	14061-000	**$2.79**
Cold Air Box Seal, SN 2168 and up	14075-000	**$5.19**
Front Window Assembly, LH, SN 3014 and up	U14275-000	**$269.35**
Fuel Shut-Off Valve Mounting Plate	J14308-000	**$24.66**
Cockpit Upper Panel, RH, with electrical system, 135-150hp	U14337-002	**$94.72**
Flap Handle Shim Washer	14340-000	**$7.75**
Brake Line Cover Plate	U14435-000	**$79.35**
Control Stick Lock, with radio installed	14838-000	**$266.61**
Frame Cowl Assembly, SN 8020 and up*	U14849-002	**$1,117.41**
**Must be sent motor freight; additional crating charges CR13 apply*		
Flap Lever Ratchet (PA-18A)	U14904-000	**$27.27**
Bottom Stringer (14978-000)	1232-162	**$50.23**
Side Stringer, Right or LH (14979-000)	1231-157	**$25.11**
Top Center Stringer (14983-003)	1232-120	**$40.94**
Rear Seat Back Canvas	12287-000	**$34.95**
Rear Seat Bottom Canvas	12286-000	**$37.49**
Top Side Stringer (14984-002)	1232-120	**$40.94**
Stringer Attach Clip	U20391-000	**$2.56**
Tailwheel Spring Attach Fitting (20611-002)	L1027-02	**$32.73**
Tailwheel Spring Attach U Fitting	U20631-000	**$32.08**
Frame Handle Fitting (20652-000) (L1045-00)	J20652-000	**$33.99**
Torque Tube Stop, LH	U20841-000	**$59.72**
Torque Tube Stop, RH	U20841-001	**$58.83**
Frame Aileron Pulley Housing		
Rear Plate, LH	20951-000	**$9.81**
Rear Plate, RH	20951-001	**$9.81**
Front Plate, LH	U20961-000	**$9.40**
Front Plate, RH	U20961-001	**$9.40**
Torque Tube Front Bearing Bracket Assembly	J20981-000	**$202.08**
Stabilizer Support Assembly	U21161-000	**$118.03**
Landing Gear Front Fitting		
SN 1 to 3770 and 3772 to 3780	U21272-002	**$130.41**
SN 3771 and 3781 and up	U21272-003	**$157.30**
Door Rear Stop Assembly	21752-002	**$52.01**
Stabilizer Adjustment Crank Bracket		
LH	J21571-000	**$10.66**
RH (21571-001)	J21571-000	**$10.66**
Tail Post Assembly	U22412-000	**$110.36**
Floorboard Attach Fitting (24101-000)	U24121-003	**$6.05**
Rudder Pedal Front Attach Fitting	U24121-002	**$6.05**

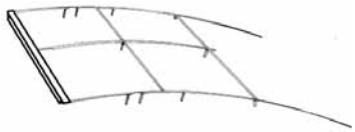
PIPER PA-18, PA-18A

Description	Part #	Price
Vertical Stabilizer Fin	U40592-000	**$395.00**
Rudder Pedal, LH	U40842-004	**$116.28**
Rudder Pedal, RH	U40842-005	**$116.28**
Rudder Pedal Return Spring	U40941-000	**$8.31**
Flap Lever Spring	U50111-000	**$1.47**
Door Plunger Assembly	U50131-000	**$47.50**
Door Handle	50173-012	**$11.71**
Lower Door Weatherstrip, SN 1 to 3013	52841-000-4	**$20.84**
Lower Door Weatherstrip, SN 5804, 6116 to 7250	52841-019	**$9.34**
Lower Door Weatherstrip, SN 7521 and up		
Red	52841-022	**$12.45**
Black	52841-026	**$14.61**
Door Latch Kit	U52745-000	**$3.33**
Stabilizer Yoke Inspection Cover, LH	U60571-000	**$19.62**
Stabilizer Yoke Inspection Cover, RH	U60571-001	**$19.62**
Fin Leading Edge Fairing	U60602-000	**$92.43**
Tail Inspection Panel, LH	U60742-000	**$28.22**
Tail Inspection Panel, RH	U60742-001	**$28.22**
Teardrop Reinforcement	U60863-005	**$6.74**
Stabilizer Screw Lower Bearing	80022-020	**$9.26**
Cowl Attach Washer	80122-007	**$4.49**
Inspection Ring (80122-49)	U85012-078	**$6.60**
Battery Drain Grommet	80122-051	**$4.37**
Clamp	U80222-003	**$14.20**
Pedal Link	U81262-008	**$9.03**
Front Landing Gear Fitting Gusset	81272-015	**$4.09**
Seat Clamp Fitting	U81332-009	**$16.42**
Engine Mount Lead Bushing	U82341-002	**$18.26**
Seat Return Spring	U83302-013	**$11.82**
Washer	85012-004	**$1.75**
Washer	U85012-005	**$1.83**
Washer	U85012-006	**$2.45**
Fiber Washer	U85012-047	**$0.61**
Drain Grommet	U85012-049	**$3.75**
Cap Screw Stop	U85061-000	**$8.54**
Door Hinge Pin	U86092-015	**$6.54**

PA-18 Top Deck Sections

FAA/PMA APPROVED

PA-18 Top Deck Superstructure
U752-979 ..... **$613.32**



PA-18 Top Deck Assembly
U752-978 ..... **$1,667.34**

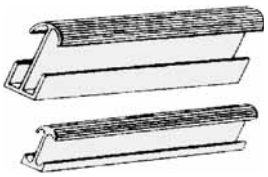
Piper Window Vent Kit

FAA/PMA APPROVED

U752-287 ..... **$165.94**

Extruded Metal Stringer Blanks

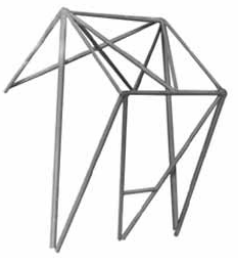
• *Motor freight item*



Bottom Stringer, 162 inches,
1 required per aircraft (14978-000)
1232-162 ..... **$50.23**
Top Stringer, 120 inches,
1 required per aircraft (14983-003)
1232-120 ..... **$40.94**
Side Stringer, 157 inches,
2 required per aircraft (14979-000) ..... 1231-157 ..... **$25.11**
Top Side Stringer, 109 inches,
2 required per aircraft (14984-002) ..... 1232-120 ..... **$40.94**

Frame Bulkhead

FAA/PMA APPROVED



• *Front door post to firewall*

U751-376 ..... **$1,055.51**

PA-18 Seat Kits

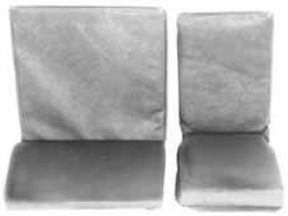
Front Seat Kit for 95hp
12268-000-XK **$1,315.22**

Kit consists of the following parts:
Front Seat Base, 95hp
12268-000 ..... **$350.98**
Front Seat Frame
12267-015 ..... **$1,249.50**
Front Seat Bottom Canvas ..... 12290-000 ..... **$34.95**
Front Seat Back Canvas ..... 12839-003 ..... **$36.51**

Front Seat Kit for 105-150hp
Kit ..... 12268-011-XK **$1,784.85**

Kit consists of the following parts:
Front Seat Base, 105-150hp ..... U12268-011 ..... **$1,027.40**
Front Seat Frame ..... 12267-015 ..... **$1,249.50**
Front Seat Bottom Canvas ..... 12290-000 ..... **$34.95**
Front Seat Back Canvas ..... 12839-003 ..... **$36.51**

PA-18 Seat Cushion Sets



• *5-piece front and rear seat set*
• *Includes lower door seal*

Brown Set ..... PA18SS-4 ..... **$479.03**
Black Set ..... PA18SS-7 ..... **$427.65**

Because of various applications of some parts, we suggest that you have a PA-18 Parts Manual (18PM) to assist you in selection of the proper parts.

Cockpit Control Installation

Ignition Switch	487-823	**$13.37**
Airspeed Tube Assembly	10554-000	**$12.26**
Ignition Switch, Carburetor and Cabin Heat Panel Assembly, Red (SN 2191 and up)	10666-006	**$190.31**
Carburetor and Cabin Heat Cable Front Bracket Assembly	U10780-000	**$84.78**
Throttle Assembly, 95hp, Without Electrical System	U12694-000	**$414.51**
Throttle Assembly, 95hp, With Electrical System	U12694-002	**$406.51**
Throttle Assembly, 125-150hp	U12694-003	**$389.95**
Carburetor Heat Control, SN 1 to 2190	U12955-000	**$134.73**
Airspeed Indicator Tube	13541-004	**$9.94**
Oil Radiator Bracket Support Strap, 135hp	14054-000	**$7.39**
Ignition Switch Guard	15300-000	**$27.33**
Mixture, Cold Air, Cabin Heat Cable, less knob	U16775-000	**$55.09**
Throttle Control Lever	U41491-000	**$56.40**
Throttle Lever Connecting Link	U41551-000	**$45.04**
Cable Swivel Fitting	U70371-002	**$11.09**
Cable Stud Fitting	U70371-003	**$20.29**
Throttle Friction Lug	U81172-020	**$6.30**
Throttle Friction Washer	U81342-020	**$2.44**
Airspeed Hose	83161-002	**$2.80**

Knobs

FAA/PMA APPROVED

Black Throttle Knob	U10911-000	**$9.13**
Ivory Door Knob	471-051	**$2.19**
Red Control Knob	471-053	**$2.17**
Black Control Knob	471-059	**$2.35**
Black Control Knob	471-060	**$3.27**
Front Seat Control Knob	471-063	**$6.18**

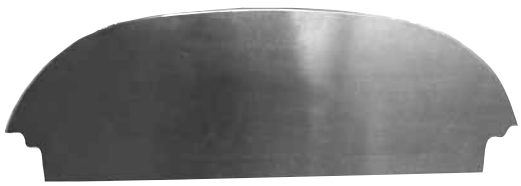
65" Control Cable

FAA/PMA APPROVED

- *65" long, less knob*
- *Used for mixture, cabin heat, carb heat and other applications*

U16775-000 ..... **$55.09**

PA-18 Blank Instrument Panel



8 inches high	CSI-1025	**$91.69**
9 inches high	CSI-1028	**$90.97**

Instrument Installation

Gyro Bushing (453-616)	AN912-1D	**$3.00**
Vacuum Line Elbow (458-893)	MS20822-3D	**$15.12**
Vacuum Line Elbow (458-903)	AN842-4	**$6.60**
Vacuum Line Elbow (458-920)	3400X2	**$2.93**
Vacuum Line Plug (460-669)	3152X2	**$1.23**
Vacuum Line Adapter (476-652)	AN840-6D	**$11.96**
Venturi Tube Assembly	11987-015	**$32.20**
Turn and Bank Tube Assembly	11987-043	**$6.79**
Instrument Panel, SN 3771, 3781 and up	13684-000	**$66.16**
Vacuum Control Valve	14205-000	**$74.80**
Instrument Panel, 150hp, SN 8021 and up	15249-300	**$348.71**

Throttle

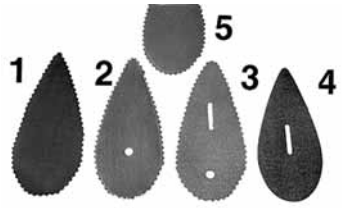
For PA-18 95hp without electrical system
U12694-000 ..... **$414.51**

For PA-18 105-150hp
U12694-003 ..... **$389.95**

Agricultural Equipment

Reducing Nipple	476-657	**$1.07**
Cowl Support Clamp	U80002-027	**$17.17**
Connecting Hose	82371-029	**$8.25**

Reinforcements



1) U60481-000 ..... **$5.39**
2) U60863-005 ..... **$6.74**
3) U60863-002 ..... **$3.01**
4) U60863-003 ..... **$3.04**
5) U60863-009 ..... **$8.24**

For your covering and finishing needs, see the **Paint, Dope and Covering Supplies** section beginning on page 275. Univair stocks Tempo, Poly-Fiber, Randolph, Ceconite, and other fine lines.

Common Piper Grommets

For drain grommets, see the **Paint, Dope and Covering Supplies** section beginning on page 275.

1) Grommet, Tail	U10292-000	**$9.55**
2) Grommet	U10984-000	**$13.73**
3) Grommet	U85012-049	**$3.75**
4) Grommet	80122-051	**$4.37**
5) Grommet, Inspection Plate	U85012-078	**$6.60**
6) Grommet, Strut	U15761-000	**$6.40**
7) Grommet, Tail (used on PA-25 and later PA-18's)	U64834-000	**$26.02**
8) Grommet, Tail	U10293-000	**$7.87**
9) Grommet	U80541-002	**$10.87**
10) Grommet, Pulley Cover	U60671-000	**$8.53**

Chassis and Landing Gear

Description	Part #	Price
Hydrasorb Roll Pin (480-691)	MS16562-37	**$0.56**
Rudder Arm (750-330)	U1140A-000	**$160.76**
Front Brake Pedal Outer Block	U41521-000	**$73.12**
Front Brake Pedal Inner Block	41531-000	**$61.03**
Front Brake Pedal Stop	U41561-000	**$20.43**
Brake Pedal Tie Rod	U41581-004	**$60.69**
Flex Brake Line	U71061-004	**$126.94**
Landing Gear Bushing	U80022-063	**$7.02**
Attach Washer	U80122-011	**$0.83**
Washer	80122-030	**$11.34**
Washer	U80122-041	**$9.80**
Washer	U80122-086	**$1.65**
Clamp	U80222-003	**$14.20**
Shock Strut Leather Bumper	U81232-030	**$3.16**
Pedal Link	U81262-008	**$9.03**
Landing Gear Front Fitting Gusset	81272-015	**$4.09**
Seat Clamp Fitting	U81332-009	**$16.42**
Step Assembly	U81903-003	**$225.68**
Fiber Washer	U85012-047	**$0.61**
Washer Bumper	U85012-057	**$4.17**
Tailwheel Spring Set, 4-leaf	PA18TWS4L	**$152.25**
Tailwheel Spring Set, Hard Rubber Tailwheel	PA18TWSHR	**$148.00**
Tailwheel Spring Set, Pneumatic Tailwheel	PA18TWSPNEU	**$148.00**

Piper Hub Caps

FAA/PMA APPROVED

• Stamped metal, not plastic!

Steel

• For original 8.00 x 4 Goodrich wheels
• Raised lettering, stamped "CUB"

Stamped with "CUB" ..... U31702-000 ..... **$30.69**
Plain (primed only) ..... U31702-002 ..... **$26.56**

Aluminum

• For 6.00 x 6 Cleveland conversion wheels
• Raised lettering, stamped "CUB"

Stamped with "CUB" ..... U1680-00 ..... **$26.74**
Plain (bare aluminum) ..... U1680-02 ..... **$24.96**

Cub Mask

Fits over the raised letters on the above hub caps and makes the job of painting cleaner and neater. Set of 2.

Cub Mask ..... CUB-MASK..... **$12.50**

Hydrasorb Shock Assemblies

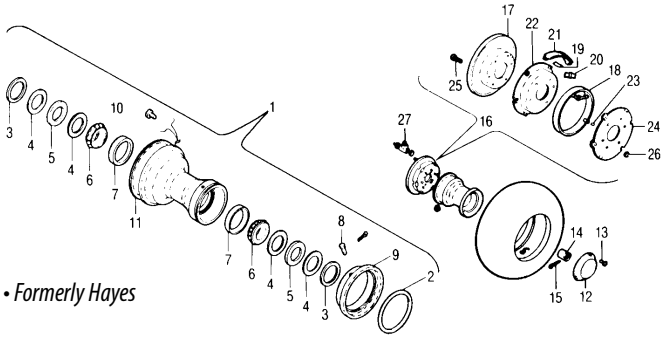
FAA/PMA APPROVED

1) Long Shock Strut, 95hp ..... 12844-003 ..... **$115.93**
135-150hp, SN 3014 and up ..... U12844-004 ..... **$152.49**
HD, 135-150hp, SN 3014 and up ..... U12844-004HD **$148.47**
2) Hydrasorb Unit ..... U487-558-1 ..... **$354.06**
3) Upper Shock Strut Fitting ..... U12845-000 ..... **$191.95**
4) Lower Shock Strut Fitting ..... U12875-000 ..... **$155.54**
5) Shock Cords (1280HD) ..... U31322-005 ..... **$24.03**
6) Rubber Bumper ..... U85012-057 ..... **$4.17**
7) Piper Shock Strut Assembly for PA-18A* ..... U14088-000 ..... **$1,080.31**
Piper Shock Strut Assembly for PA-18* ..... U14088-002 ..... **$1,080.31**
**Includes complete hydrasorb assembly with cover and end plates*

Complete Assembly Available (not shown)

Shock Strut Assembly: PA-18/PA-18A SN 1 to 3013,
PA-18A SN 1 to 2186, PA-18 95hp SN 3014 and up .... U12998-000 ..... **$998.53**
Shock Strut Assembly: 135-150hp SN 3014 and up ..... U12998-003 ..... **$1,067.84**
Hydrasorb Assemblies:
• 2 each, 1080HD cords w/o long strut ..... U12998-A **$875.21**
• 2 each, 1280HD cords w/o long strut ..... U12998-B **$924.41**
• 1 each, 1280HD and 1380 cord w/o long strut** ..... 12998-H **$928.86**
• 1 each, 1280HD-CW and 1380-CW cord
w/o long strut** ..... 12998-S **$1,007.80**
***FAA 337 approval is required with this arrangement*

Goodrich Wheel/Brake Assemblies

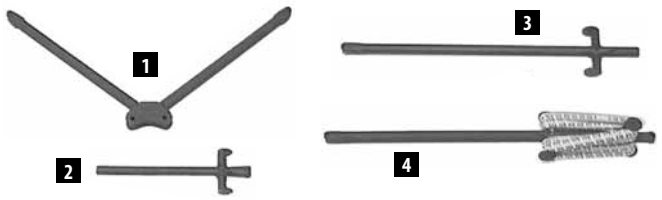


• *Formerly Hayes*

Description	Part #	Price
1) Wheel and Brake Drum Assembly	UD3-13A-1	**$1,336.34**
2) Side Lock Ring	A85-118	**$8.00**
3) Lock Ring, Felt Retainer	UA85-218	**$24.24**
4) Felt Retainer	UA56-4	**$11.68**
5) Grease Retaining Felt	B227-52	**$0.90**
6) Bearing Cone	08125	**$49.66**
7) Bearing Cup	08231	**$20.98**
8) Anchor Pin	A20-54	**$15.82**
9) Side Casting Ring	B11-5	**$44.23**
10) Flat Head Rivet	AN441-6-6P	**$0.44**
11) Brake Drum (I.D. must be turned after installation)	B13-4	**$191.27**
12) Hub Cap with "CUB" stamp (-002 w/o stamp)	U31702-000	**$30.69**
13) Screw, #10, ⅜" long	—	**NLA**
14) Axle Nut, 1¼ inch	U30491-000	**$56.64**
15) Axle Nut Pin	AN380-4-2	**$0.24**
16) Brake Shoe Assembly	—	**NLA**
17) Dust Cover Fairing	B51-72	**$79.25**
18) Tube Assembly, Expander	—	**NLA**
19) Retracting Spring	B21-35	**$6.90**
20) Tube Protector Shield*	A72-30	**$21.69**
21) Brake Block*	B27-59-1	**$53.62**
22) Brake Frame	D12-101	**$20.66**
23) Nozzle Packing Spacer	A64-3	**$6.15**
24) Brake Frame Flange	D15-25	**$37.30**
25) Fillister Head Screw, #10 (750-005)	MS35266-61	**$0.75**
26) Stop Nut, #10-32 (AN365-1032)	MS21044N3	**$0.20**
27) Brake Bleeder Tee Fitting (451-771)	B57-239	**$88.95**

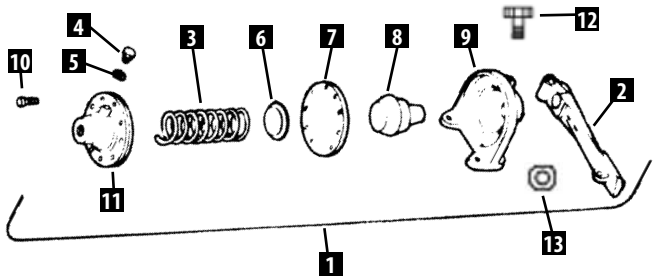
**While supply lasts NLA = No longer available*

Shock Struts



1) Cabane Vee Assemblies		
Applicable on SN 1 to 3780	U30602-006	**$231.92**
Applicable on PA-18 SN 3781 and up, and PA-18A, SN 3786 to 5294	U30602-007	**$267.90**
Applicable on PA-18A only, SN 5295 and up	U30602-010	**$288.66**
2) Short Shock Strut, PA-18/18A	U31392-000	**$303.45**
3) Long Shock Strut, PA-18/18A	U10537-002	**$255.82**
4) Shock Strut Assembly, PA-18/18A	U10536-002	**$784.89**

Scott Master Cylinder Assembly



Description	Part #	Price
1) Master Cylinder Assembly,		
LH	U1248A	**$995.00**
RH	U1260A	**$995.00**
2) Pedal, LH or RH	U1715A	**$172.89**
3) Spring	U1256A-000	**$13.32**
4) Screw, Vent	UB-1258	**$11.90**
5) Gasket, Vent	U1159A	**$2.46**
6) Pad, Diaphragm	U2003-001	**$29.87**
7) Diaphragm	U750-384	**$30.09**
8) Piston	U1383A-000	**$51.11**
9) Bracket,		
LH	U1232A	**$234.25**
RH	U1220A	**$234.25**
10) Screw (10 required; priced each)	MS35265-45	**$0.36**
11) Cover	U2728A	**$344.88**
12) Bolt	AN3-20A	**$0.40**
13) Nut	AC356-1032	**$0.11**

Landing Gear Snubber Cables

STC APPROVED

Snubber Cables ..... 2089-18 ..... **$185.00**

Shock Cord Cover and Pieces

FAA/PMA APPROVED

• *The shock cord cover pictured is assembled from parts listed below*

Cover – used without Hydrasorb		
14" cover	U10566-000	**$54.20**
End Plate for 14" cover	U10567-000	**$71.27**
Cover – used with Hydrasorb		
16¾" cover	U14094-000	**$117.08**
End Plate for 16¾" cover	U14093-000	**$64.55**
Sponge cushion (doughnut)	U19513-054	**$6.00**
Grommet		
Upper (434-142)	MS35489-22	**$0.96**
Lower (434-144)	MS35489-23	**$2.18**

Axle Nut for Landing Gears

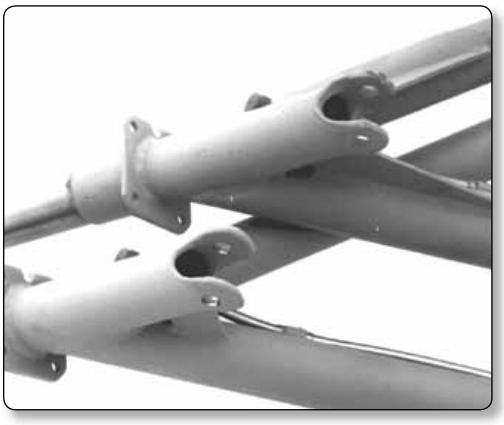
• *With 1½ inch axles (not for use with slotted axles)*

MS21025-24 ..... **$23.00**

PA-18 Special Landing Gears

FAA/PMA APPROVED

Because of landing gear modifications using different wheel and brake arrangements, and (in some cases) the need for heavier tubing, Univair offers special landing gears. All of the gears in the table (below) have lower leg reinforcing gussets for extra strength. All 1½ inch gears have removable bearing stops to allow for ski installation. The gears with 1½ inch axles will require STC-SA17RM for approval. STC sold separately. **STC-SA17RM $126.67**



Part #	Side	Axle O.D.	Wheel and Brake	Leg Tubes	Price
L10033-008HD	Left	1¼ x .156"	Goodrich	Heavy Duty	**$845.00**
L10033-007HD	Right	1¼ x .156"	Goodrich	Heavy Duty	**$845.00**
L10033-008A	Left	1¼ x .156"	Goodrich	Standard	**$557.07**
L10033-007A	Right	1¼ x .156"	Goodrich	Standard	**$557.07**
L1015-00	Left	1½ x .156"	Cleveland 40-84	Standard	**$675.74**
L1015-01	Right	1½ x .156"	Cleveland 40-84	Standard	**$675.74**
L1015-20	Left	1½ x .156"	McCauley D-30291	Standard	**$580.90**
L1015-21	Right	1½ x .156"	McCauley D-30291	Standard	**$580.90**
L1015-30HD	Left	1½ x .156"	Cleveland 40-84	Heavy Duty	**$642.09**
L1015-31HD	Right	1½ x .156"	Cleveland 40-84	Heavy Duty	**$642.09**

- ***Standard Gear Tubes:*** *Front 1⅜ x .058 inch; Rear 1¼ x .058 inch*
- ***Heavy Duty Gear Tubes:*** *Front 1½ x .058 inch; Rear 1⅜ x .058 inch*

New Original Landing Gears

FAA/PMA APPROVED

- *For PA-18*
- *Uncovered*

LH Gear ..... U10033-006 ..... **$571.70**
RH Gear ..... U10033-005 ..... **$571.70**

Goodrich Brake Assembly Parts

- *For all Pipers with 8.00 x 4 wheels*
- *While supplies last!*

Brake Block (750-033) .... B27-59-1 .... **$53.62**
Spring (750-029) ..... B21-35 ..... **$6.90**
Shield (750-093) ..... A72-30 .... **$21.69**

Grove 800 x 4 Disk Brake Conversion

STC APPROVED

- *For Goodrich wheels and brakes only*
- *Maintain your classic look*
- *Use your existing wheels, tires and tubes*
- *Use your existing master cylinder and brake lines*
- *Easy installation – all parts and special tools included*

Grove Brake Conversion ..... 76002 ..... **$859.00**

Flexible Brake Line

FAA/PMA APPROVED

- *From brake master cylinder to copper line on gear vee*

U71061-004 ..... **$126.94**

Cleveland Wheel and Brake Conversion Kit

Convert from your Goodrich Wheels and Brakes to the new Cleveland Wheels and Brakes. Uses the 6.00 x 6 tires. FAA 337 or STC approval required for installation.

- *Lines and fittings are not included in the kit. Please order separately below.*
- *Request STC SA11RM-1.25 when you purchase this kit and it is included at no charge*

Cleveland Conversion Kit ..... 199-07100 ..... **$1,989.00**
STC, for 1¼ inch axle ..... STC-SA11RM-1.25 ..... **$96.86**

Installation may require:

Lines (2 required) ..... U60703-002 ..... **$50.70**
Elbows (2 required) (558-819) ..... 502X4 ..... **$15.82**
Elbows (2 required) (460-677) ..... 402X4 ..... **$3.50**

All items above are priced and sold individually

Cleveland Wheels and Brakes

STC APPROVED

- *Heavy duty wheels and brakes for use with L1015 series landing gears with 1½" axles*
- *Includes 2 each of wheels and brakes*

Kit ..... 199-23100 .... **$1,998.91**
STC Approval ..... STC-SA17RM **$126.67**

- *The following axle spacers will be required for proper installation – sold separately*
- *STC-SA17RM (above) required for installation*

2 each IB Spacers ..... U1105-06 ..... **$16.25**
2 each OB Spacers ..... U1105-07 ..... **$24.96**

Goodrich Brake Drum

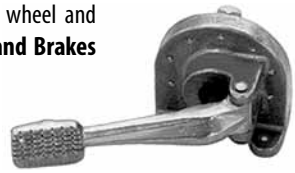
- *Formerly Hayes*
- *Priced and sold individually*

Drum..... B13-4.....**$191.27**
Flat Head Rivet (6 required) .... AN441-6-6P..... **$0.44**

Brake Master Cylinder

FAA/PMA APPROVED

For more details on master cylinders and wheel and drum assemblies, see the **Tires, Wheels and Brakes** section beginning on page 344.



LH ..... U1248A **$995.00**
RH ..... U1260A **$995.00**

Shock Cords

For information on shock cords, see the **Supplies and Accessories** section beginning on page 334.

Soft Shock Cord Covers

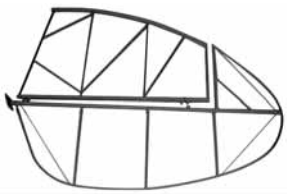
FAA/PMA APPROVED

- *Velcro for easy installation and removal*
- *Priced and sold in pairs*

Red..... 14094-SC-RED..... **$78.01**
Black .....14094-SC-BLK..... **$76.46**

Tail Surfaces/Tailwheels

Tail Surfaces



Elevator, 95hp, uncovered
U40572-000 ..... **$495.49**
Elevator, 105-150hp, uncovered
U12770-000 ..... **$478.50**
Stabilizer, 95hp, uncovered
U40643-000 ..... **$511.12**
Stabilizer, 105-150hp, uncovered..... U12769-000 ..... **$499.50**
Rudder without strobe bracket, uncovered..... U40622-007 ..... **$408.00**
Rudder with strobe bracket, uncovered,
SN 7509123 and up ..... U15726-002 ..... **$687.73**
Strobe Light Bracket..... U15722-002 ..... **$107.91**
Vertical Stabilizer, uncovered..... U40592-000 ..... **$395.00**

Toll Free Sales: 1-888-433-5433
Order online at www.univair.com

Bushwheel 3200 Tailwheel

The 3200 Series is a lightweight 8-inch tailwheel assembly designed to provide positive steering control far beyond rudder travel, and to release easily and automatically to full swivel when aircraft is turned around. The swivel mechanism is sealed to keep out water, sand and mud. Grease fittings are provided for lubrication. Precision components provide years of trouble-free service under severe operating conditions. Pneumatic assembly.

Pneumatic..... ABI-3200 ..... **$1,025.00**

Tail Repair Section

FAA/PMA APPROVED

Model PA-18 only. Our jig-welded 4130 steel repair assembly includes tail post, bottom rudder hinges, stabilizer rear brackets, tail spring and brace tube attach fittings, top and bottom longeron stub tubes, splice tubes, STC and instructions.

Tail Repair Section Kit .....U12183-TSK **$1,340.54**

Tailwheel Spring Sets

FAA/PMA APPROVED

4-leaf, heavy duty (for PA-18/18A, SN 1707 and up,
with hard rubber tailwheel) ..... PA18TWS4L..... **$152.25**
4-leaf, heavy duty (for PA-18/18A
SN 1707 and up, with pneumatic tailwheel) ..... PA18TWS4L-1..... **$167.07**
Standard 3-leaf (for use with hard rubber tailwheel) .....PA18TWSHR..... **$148.00**
Standard 3-leaf (for use with pneumatic
Scott/Maule tailwheel).....PA18TWSPNEU..... **$148.00**

Windows and Windshields

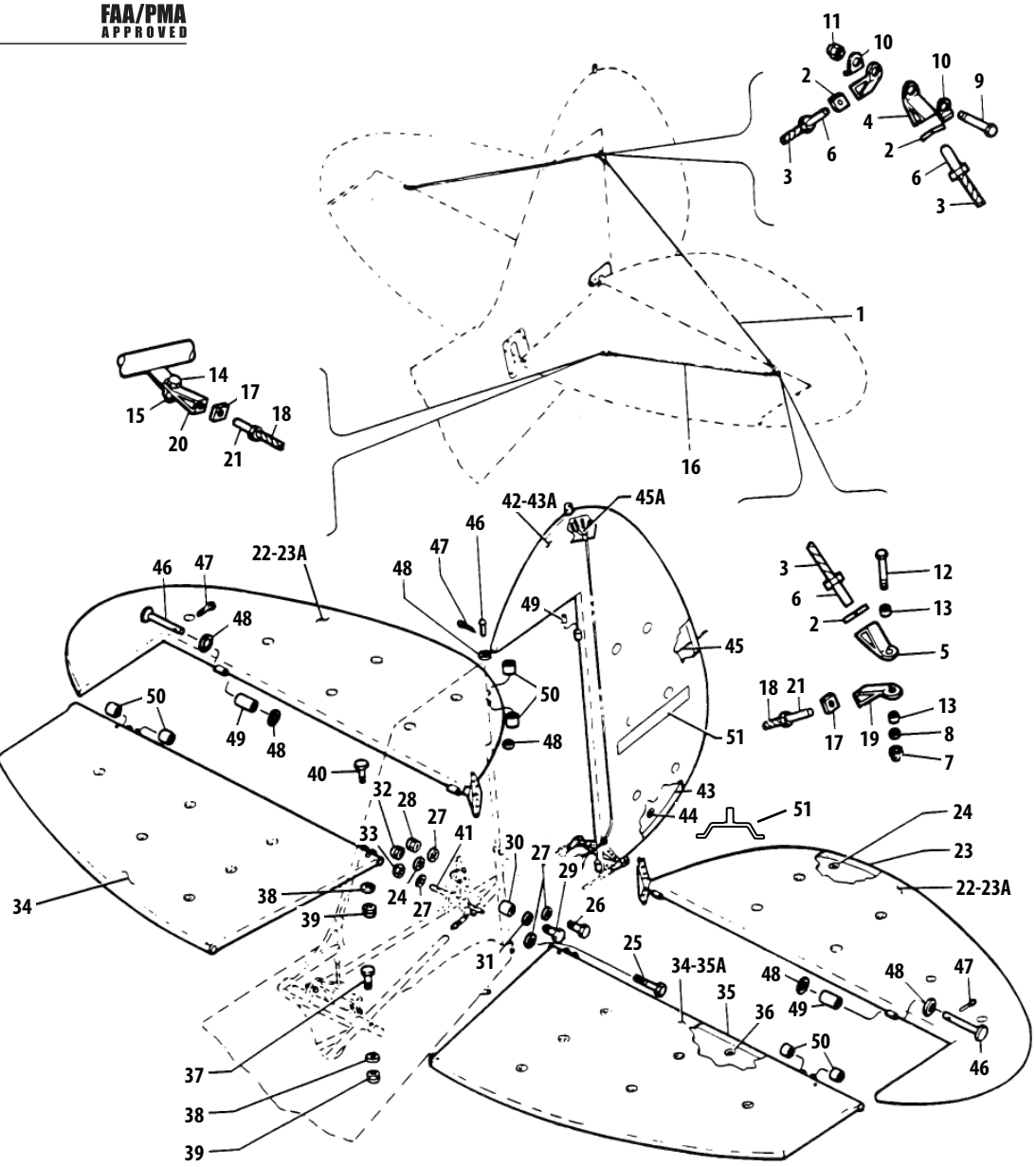
For tinted windows and windshields, see the **Windows and Windshields** section beginning on page 379.

PA-18, 95hp Windshield
12248-000..... **$251.71**
PA-18, 105-150hp Windshield
12430-000..... **$251.71**
Door Window
12279-000..... **$68.31**
Top Deck Window, clear .....13433-000 ..... **$129.20**
Top Deck Window, tinted green or gray.....13433-002 ..... **$155.18**
Rear Window, LH or RH .....10545-000 ..... **$37.87**
Front Window, LH, with ventilator ..... U14275-000 ..... **$269.35**
Front Sliding Window Assembly..... U12254-000 ..... **$340.53**
Rear Sliding Window Assembly..... U12255-000 ..... **$305.51**
L21 Top Rear Window,
Clear (12250-004) .....12250-003 ..... **$144.05**

PIPER PA-18, PA-18A

Tail Surfaces

FAA/PMA APPROVED



• *"U" prefixes on part numbers indicate an FAA/PMA approved part*

Figure #	Description	# Required	SNs Affected	Part #	Price
1	Wire Assembly, Upper Brace, stainless	2		U10555-002*	**$153.92**
2	Washer, Square	2		U81102-002	**$4.49**
3	Wire	2		U41031-002	**$31.14**
4	Clevis (supersedes 40521-008) stainless	1		U61341-003	**$24.56**
5	Clevis (supersedes 40521-007) stainless	1		U61341-002	**$32.54**
6	Nipple	2		U41051-000	**$22.41**
7	Elastic Stop Nut (406-681) (AN364-1032)	2		MS21083N3	**$0.22**
8	Washer (407-564)	2		NAS1149F0332P	**$0.04**
9	Bolt (401-315)	1		AN4-15A	**$0.44**
10	Washer, Fin Tail Brace	2		U40131-000	**$6.72**
11	Elastic Stop Nut (406-682) (AN365-428)	1		MS21044N4	**$0.16**
12	Bolt (401-274)	2		AN3-15A	**$0.40**
13	Bushing	4	687 and 692 and up	U82732-072	**$4.75**
13	Bushing**	4		U80012-006	**$13.16**
14	Bolt (401-266)	2		AN3-5A	**$0.16**

Chart continued on next page ▶

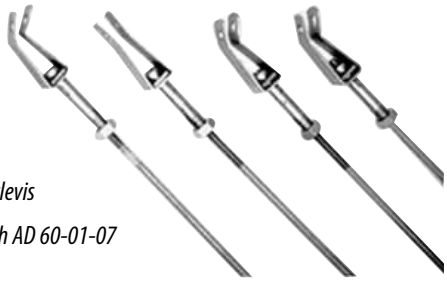
Tail Surfaces (continued)

Figure #	Description	# Required	SNs Affected	Part #	Price
15	Elastic Stop Nut (406-681) (AN364-1032)	2		MS21083N3	**$0.22**
16	Wire Assembly, Lower Brace, stainless	2		U10556-002*	**$153.92**
17	Washer, Square	2		U81102-002	**$4.49**
18	Wire	2		U41031-003	**$27.40**
19	Clevis, stainless (supersedes 40521-09)	1		U61341-004	**$35.44**
20	Clevis, stainless (supersedes 40521-10)	1		U61340-000	**$32.54**
21	Nipple	2		U41051-000	**$22.41**
22 and 23	Elevator Assembly, Uncovered – see listing on page 89	2			
24	Grommet (5 per elevator, 105-135hp; 4 per elevator, 95hp)	2		U80122-053	**$3.01**
25	Bolt (400-440)	1		AN3-6A	**$0.16**
26	Bolt (401-266)	1		AN3-5A	**$0.16**
27	Washer (407-564, AN960-10)	4		NAS1149F0332P	**$0.04**
28	Elastic Stop Nut (406-681) (AN364-1032)	1		MS21083N3	**$0.22**
29	Bolt (400-003)	1		AN4-6A	**$0.30**
30	Bushing	1		U80012-017	**$9.33**
31	Washer (407-565) (AN960-416)	1		NAS1149F0463P	**$0.05**
32	Elastic Stop Nut (406-682) (AN365-428)	1		MS21044N4	**$0.16**
33	Nut (406-681) (AN365-1032)	1		MS21044N3	**$0.20**
34 and 35	Stabilizer Assembly, Uncovered – see listing on page 89	2			
36	Grommet, Drain	8		U80122-053	**$3.01**
37	Bolt (400-444)	2		AN3-13A	**$0.30**
38	Washer (407-564)	4		NAS1149F0332P	**$0.04**
39	Elastic Stop Nut (406-681) (AN364-1032)	4		MS21083N3	**$0.22**
40	Bolt	2		AN3-12A	**$0.36**
41	Tube Liner, Rear	1		U86062-079	**$55.46**
42	Rudder Assembly, Uncovered	1		U40622-007	**$408.00**
43	Rudder Assembly with Strobe Bracket, Uncovered	1		U15726-002	**$687.73**
44	Grommet, Drain	2		U80122-053	**$3.01**
45	Wire Assembly, Tail Light	1		12177-039	**$10.18**
46	Pin, Hinge (424-224)	6		MS20392-3C55	**$1.10**
47	Pin, Hinge (424-051)	6		AN380-2-2	**$0.02**
48	Washer	12		U80122-086	**$1.65**
49	Bushing, Bronze – Long (453-603)	6		U80022-044	**$0.93**
50	Bushing, Bronze – Short (453-604)	12		U80022-045	**$1.17**
	Rudder Attach Hardware Kit	1		PSK-1	**$20.76**
	Elevator Attach Hardware Kit	1		PSK-2	**$43.09**
51	Rudder Arm	1		U1140A-000	**$160.76**

**10555-KIT (attaching nuts, bolts and bushing) is used the first time round wires are used to replace the streamlined wires.*
***Used on PA-18 airplanes with serial numbers 1 to 686 and 688 to 691.*

Stainless Steel Tail Brace Wires

FAA/PMA APPROVED



- *Stainless steel wires and clevis*
- *Round type to comply with AD 60-01-07*

Upper Wire Assembly ..... U10555-002 ..... **$153.92**
Lower Wire Assembly ..... U10556-002 ..... **$153.92**
Original Installation Kit* ..... 10555-KIT **$46.30**

**For first time round wires are installed*

Top wire clevis

Bottom wire clevis

Square washer

Brass nipple

Top Wire, Upper Clevis (replaces 40521-008) ..... U61341-003 ..... **$24.56**
Top Wire, Lower Clevis (replaces 40521-007) ..... U61341-002 ..... **$32.54**
Bottom Wire, Upper Clevis (replaces 40521-009) ..... U61341-004 ..... **$35.44**
Bottom Wire, Lower Clevis (replaces 40521-010) ..... U61340-000 ..... **$32.54**
Square Washer ..... U81102-002 ..... **$4.49**
Brass Nipple ..... U41051-000 ..... **$22.41**
Jam Nut ..... AN315-5 ..... **$0.34**
Clevis Bushing ..... U82732-072 ..... **$4.75**

Engine and Cowling

Description	Part #	Price
Rubber Grommet (434-134)	MS35489-11	$0.66
Oil Line Temperature Adapter, SN 3014 and up (451-851)	15244-000	$40.98
Oil Line Adapter (451-855)	3200X6	$3.36
Vacuum Line Fitting (451-857)	AN840-4D	$7.50
Carburetor Air Filter, SN 6964 and up	U454-118	$42.32
Air Hose Clamp	454-877	$3.19
Battery Tube Drain Clamp	454-927	$0.03
Bracket Attach Clamp	454-933	$0.77
Oil Line Connector (455-158)	500X8	$5.59
Vacuum Line Elbow (458-918)	AN914-3D	$31.81
Oil Line Elbow	458-932	$10.61
Vacuum Line Elbow (458-950)	3350X6	$3.75
Air Filter, 135-150hp (460-658)	120086	$44.66
Air Filter, 95, 105, 125hp (40599)	600314	$73.25
Regulator Valve Plug (460-679)	3150X4	$4.08
Nipple (476-659)	3326X6	$3.58
Fitting (476-664)	AN816-8D	$6.20
Baffle Support Bracket Lock Plug	480-932	$2.70
Oil Cooler Hose Ring Seal	484-654	$2.45
Hose Reinforcement Coil Spring	487-329	$2.42
Air Filter Attach Stud, 105-150hp	487-542	$1.98
Air Filter Attach Stud, 135hp	487-571	$12.08
Vacuum Check Valve	492-029	$76.76
Spinner Back Plate, SN 1 to 646 (10247-000)	U13663-000	$134.73
Cowl Air Scoop Inlet (for C-90-8F)	10400-006	$44.92
Front Baffle Hanger Support, 105-135hp	10415-002	$25.16
Inner Cylinder Baffle Hanger, 105-135hp	10415-003	$28.46
Tailpipe Top Support Clamp, Lycoming engine	U10466-021	$24.99
Tailpipe Bottom Support Clamp, SN 3771 and 3781 and up	U10466-033	$26.06
Baffle Tie Rod, 135-150hp	U10487-000	$14.35
Oil Breather Tube Cover, Continental engine	10516-000	$6.10
Shroud to Carburetor Air Flex Hose, Lycoming engine, SN 1 to 3013	10525-005	$24.48
Cabin Heat Flex Hose, Continental engine, SN 1 to 3013	10525-006	$10.45
Exhaust Stack Shroud to Bottom Cowl Tube, SN 1262 to 6963	10525-014	$6.50
Muffler to Cabin Heat Hose, SN 3014 and up	10525-018	$17.20
Exhaust Shroud to Muffler Shroud Hose, SN 3014 and up	10525-019	$30.92
RH Cowl Support Tube	10817-002	$15.77
LH Cowl Support Tube	10817-003	$11.61
LH Rear Baffle, 95hp	10830-000	$50.71
RH Rear Baffle, 95hp	10830-005	$54.25
RH Front Baffle, 95hp	10832-000	$72.46
LH Front Baffle, 95hp	10835-000	$57.43
Carburetor Air Box to Carburetor Bolt, 135-150hp	10836-002	$1.35
Baffle Support, 95hp	U10920-000	$16.91
RH Front Baffle Support, 125hp	11279-004	$5.51
LH Front Baffle Support, 95hp	11282-000	$70.37
RH Front Baffle Assembly, 95hp	11283-000	$42.53
Rear Center Baffle Assembly, 95hp	11329-000	$55.77
Oil Well Baffle Assembly, 95hp	11491-000	$50.05
Carburetor Air Filter Leather Baffle	11950-004	$11.69
Carburetor Air Box, Less Filter	11950-007	$724.90
Baffle Support Bracket (for C-90-8F)		
LH Front	11278-000	$8.04
LH Rear	11279-000	$7.35
RH Rear	11279-002	$5.95
LH Rear	11279-003	$12.09
Breather Tube, 105/135hp	11957-000	$28.26
U Bracket Assembly	U12213-000	$43.23
Cabin Heat Box, 95hp	U12315-000	$171.20
Cabin Air Intake Plate, Inside Firewall, 95hp	12320-000	$6.66
Spinner Strap Bracket	U12330-004	$43.50
Cowl Support Tube	12350-000	$56.04
Cabin Heat Box, Lycoming Engine	U12353-000	$250.93
RH Rear Baffle, 135hp	12367-006	$244.11
LH Rear Baffle, 105hp	12368-000	$332.08
LH Rear Baffle, 125hp	12368-005	$244.11
Mixture Control Clamp Assembly	12407-000	$70.42
Throttle Control Clamp Assembly	U12408-000	$74.12
Mount Hinge Attach Lug	12409-000	$21.85
Front Motor Mount Hinge	12410-000	$19.97
Rear Motor Mount Hinge	12411-002	$25.62
Side Cowl Support Tube	U12414-000	$36.28
RH Rear Side Baffle, 105-135hp	12424-000	$113.83
RH Front Side Baffle, 105-135hp	12425-000	$78.17
PA-18 Ducting Kit	PA18DUCT	$106.38
LH Front Side Baffle, 105-135hp	12426-000	$117.28
LH Rear Side Baffle, 105-135hp	12427-000	$105.34
LH Front Baffle, 105-125hp	12428-000	$257.29
LH Front Baffle, 135hp	12428-004	$240.33
Inside Firewall Plate	12440-000	$36.47
Carburetor Air Scoop, 105-135hp	U12543-002	$47.48
RH Front Baffle, 105-125hp	12749-000	$170.04
RH Front Baffle, 135hp	12749-005	$168.34
Valve Oil Drain, Lycoming engine	U12956-004	$150.30
Tailpipe Support Tube, Lycoming engine	13003-000	$91.04
RH Front Support Bracket, 95hp	13010-000	$4.09
Oil Radiator Support Bracket, 135hp	13711-000	$11.61
Oil Radiator Support Bracket, RH, SN 1810 to 4657	13720-000	$193.52
Oil Radiator Support Bracket, RH, SN 4658 and up	U13720-004	$213.27
Oil Radiator Support Bracket, LH,		
135/150hp, SN 1810 to 4657	U13725-000	$425.76
150hp, SN 4658 and up	U13725-007	$425.76
Lock Plate	13726-000	$8.24
LH Rear Baffle, 135hp	13744-000	$268.28
Carburetor Air Outside Scoop, 150hp, SN 3371 to 6963	U13768-003	$143.18
Oil Bracket Support Strap, 135hp	14054-000	$7.39
Exhaust Shroud, SN 3014 and up	U14239-000	$200.02
Exhaust Stack and Muffler Attach Clamp, SN 3014 and up	U14235-000	$26.58
Vacuum Line Elbow	14345-000	$19.97
Oil Radiator Inlet Line, RH	14366-000	$294.13
Vacuum Line Adapter	14404-000	$6.66

Description	Part #	Price
Engine Mount Stop Cable	14419-000	**$84.44**
Oil Separator Discharge Tube	14420-000	**$30.68**
Breather Tube, 150hp	U14441-000	**$136.52**
Primer Line Tee Mounting Bracket, 150hp	U14470-000	**$7.08**
Baffle Tie Rod, 150hp	U14513-000	**$36.71**
Carburetor Air Box, 150hp, less filter, SN 6964 and up	U15005-000	**$817.79**
Carburetor Air Filter Dome, 150hp, SN 6964 and up	U15007-000	**$74.30**
Oil Radiator Line Support Bracket	14549-000	**$64.65**
Baffle Bracket, 150hp, SN 7596 and up	15019-000	**$32.58**
Oil Pressure Flex Hose	U15216-000	**$144.59**
Cable Swivel	U70371-002	**$11.09**
Cable Swivel Fitting Stud	U70371-003	**$20.29**
Throttle Control Clamp, 95hp	70801-000	**$46.48**
Oil Pressure Flex Hose	U71061-000	**$105.32**
Muffler Shroud Clip	U71261-005	**$35.95**
Exhaust Stack Shroud Clip	U71261-007	**$35.95**
Inner Cylinder Tie Rod	71451-003	**$40.71**
Front Baffle Tie Rod	71451-008	**$3.79**
Carburetor Attach Gasket, 150hp	73451-003	**$7.34**
Inner Cylinder Baffle, 105-135hp	74912-000	**$32.93**
Oil Pressure Line Clamp, Continental engine	80002-003	**$4.79**
Tailpipe Bottom Support Clamp	U80002-020	**$20.49**
Air Intake Tube Clamp	U80002-062	**$5.73**
Throttle Control Attach Spacer Bushing	80022-068	**$9.92**
Carburetor Heat Control Cable Clamp	U80032-034	**$15.49**
Oil Pressure Line Clamp	U80032-051	**$12.55**
Attach Washer	80122-043	**$3.31**
Propeller Attach Washer	80122-055	**$3.95**
Attach Washer	U81102-017	**$1.33**
Mixture Control Cable Link	U81262-019	**$6.25**
Oil Pressure Tube	82332-026	**$59.37**
Vacuum Hose	82371-025	**$39.78**
Vacuum Hose	U82371-033	**$38.37**
Throttle Control Attach Spacer Washer	U82732-008	**$12.90**
Washer	85012-004	**$1.75**
Washer	U85012-005	**$1.83**
Fiber Washer	U85012-047	**$0.61**
Mixture Control Swivel Fitting	U91193-000	**$15.18**
PA-18 Winterization Plate (100-427)	U14793-000	**$85.58**
Cowl Bracket Bumper	U453-640	**$3.23**
Side Cowl Latch, 95hp (472-015)	H5100-2-125-250	**$62.00**
Cowl Fastener Receptacle, 125-150hp (484-341)	99947P130	**$2.96**
Receptacle Spring, 135, 150hp (487-288)	85-35-295-15	**$0.85**
Cowl Fastener Stud, Top Cowl, 125-150hp (487-563)	85-11-140-16	**$1.14**
Nose Cowl, 125-150hp (487-564)	85-11-180-16	**$1.48**
Nose Cowl, 105hp (487-565)	85-11-200-16	**$1.30**
Side Cowl, 125-150hp (487-566)	85-14-060-16	**$1.22**
RH Cowl Support Tube, 95hp	10817-002	**$15.77**
LH Cowl Support Tube, 95hp	10817-003	**$11.61**
Cowl Support Tube, 105-150hp	12350-000	**$56.04**
Top Cowl Mounting Bracket, 105hp	U12362-000	**$56.45**
Top Cowl Mounting Bracket, 125-150hp	U12362-003	**$78.43**
RH Cowl Mounting Bracket, SN 1 to 548	12364-001	**$139.86**
LH Cowl Mounting Bracket, SN 549 and up	U12364-003	**$80.53**
RH Cowl Mounting Bracket, SN 549 and up	U12364-005	**$80.53**
Bottom Cowl Outside Vent Flange (U12541-000)	U15018-000	**$62.94**
Cowl Fastener Cup, 125-150hp (12707-000)	108-6021401-36	**$24.10**
Cowl Fastener Lever, 125-150hp (12723-000)	108-6021401-22	**$80.33**
Carburetor Air Outside Scoop, 150hp, SN 6964 and up	U15009-000	**$149.30**
Carburetor Air Scoop, 150hp, SN 6964 and up	U15010-000	**$216.81**
Air Scoop Assembly (for C-90-12F)	U72522-000	**$234.35**

Muffler Bail

Welded inside muffler outlet to guard against flame tube failure and obstruction of exhaust outlet. Field approval required.

Muffler Bail ..... U452-093 ..... **$37.74**

Spinners for PA-18/18A

Short Spinner Assembly

- *For Piper models Piper PA-18, PA-20, PA-22 (serial numbers 8 to 553) with O-235 or O-290 engines and AM series Sensenich propellers*

Spinner Dome ..... U13661-000 ..... **$291.79**
Front Plate ..... U13664-000 ..... **$124.98**
Back Plate ..... U13663-000 ..... **$134.73**
Complete Assembly ..... U13661-A **$496.98**

Spinner Assembly

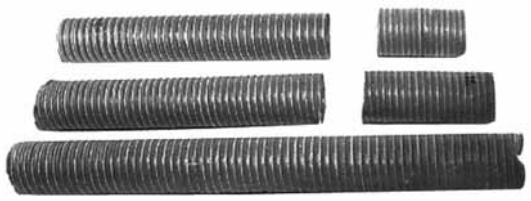
FAA/PMA APPROVED

- *For PA-18/18A, 150hp*
- *For DM series propellers*

Spinner Dome ..... U14422-000 ..... **$318.30**
Front Plate ..... U14426-000 ..... **$128.23**
Back Plate ..... U14424-000 ..... **$181.37**
Complete Assembly ..... U14422-A **$544.90**

Flexible Ducting Kit

- *For Piper PA-18, SN 3014 and up with Lycoming engines*



PA-18 Ducting Kit ..... PA18DUCT **$106.38**

Order at www.univair.com

PA-18 Exhaust Systems

FAA/PMA APPROVED

PA-18 125, 135, 150hp Exhaust System

Muffler and Shroud Assembly	U14434-002	**$1,630.83**
Muffler Clamp, SN 1 to 3013 (2 required)	U70591-002	**$25.41**
Muffler Clamp, SN 3014 and up (2 required)	U14235-000	**$26.58**
Muffler Assembly • FAA/PMA		
105 to 150hp, less shroud, includes bail	U12433-015	**$725.00**
Muffler Shroud, 105-135hp (Original Piper)	12436-000	**$234.12**
Muffler Shroud, 150hp	U12436-010	**$387.09**
Front Shroud Assembly	U14239-000	**$200.02**
Front Cylinders Stack Assembly	U12457-012	**$732.50**
Rear Cylinders Stack Assembly	U12457-013	**$782.50**
Clip (for 12436-000/-010)	U71261-005	**$35.95**
Clip (for 14239-000)	U71261-007	**$35.95**

PA-18 95hp Exhaust System

Left Exhaust Stack and Muffler Assembly	U12232-000	**$1,832.28**
Right Exhaust Stack Assembly	U12233-000	**$1,070.04**
Muffler Shroud Assembly	U12226-000	**$427.90**
Upper Right Exhaust Shroud	U10845-000	**$130.41**
Lower Right Exhaust Shroud	U10846-000	**$172.08**
Upper Left Exhaust Shroud	U10764-000	**$129.27**
Lower Left Exhaust Shroud	U10843-000	**$174.27**
Muffler Clamp (2 required)	U70591-002	**$25.41**

Air Filters

1) For 95, 105, 125hp (40599)
600314 ..... **$73.25**
2) For 150hp, SN 6964 and up
U454-118 ..... **$42.32**
3) For 135, 150hp*
120086 ..... **$44.66**
**Also for Seaplane*

PA-18 Baffle Kits

• The kits below exclude intercylinder baffles and tie rods

For 105hp PA-18	PA-18-105BK	**$1,625.85**
For 125hp PA-18	PA-18-125BK	**$1,625.85**
For 135hp PA-18	PA-18-135BK	**$1,429.89**

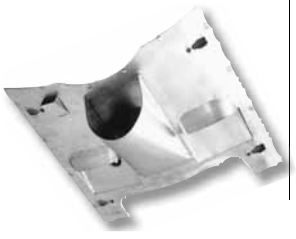
• The 150hp kit below includes intercylinder baffles, tie rods, hooks and retainer
• Please indicate the amp capacity of the generator when ordering

For 150hp PA-18 ..... PA18BAFFLE **$2,076.63**

Lower Cowl Assembly

FAA/PMA APPROVED

135hp
SN 3014 to 4617 ..... U13769-003 ..... **$918.31**
150hp
SN 3771 to 6963 ..... U13769-005 ... **$1,001.52**
SN 6964 and up ..... U15012-000 ..... **$986.42**



Flexible Oil Pressure Hose

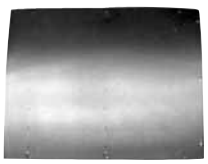
FAA/PMA APPROVED

U71061-000 ..... **$105.32**

Top Cowling

FAA/PMA APPROVED

Top Cowl, 105hp
U12356-000 ..... **$269.00**
Top Cowl, 125, 135, 150hp
U12356-003 ..... **$232.66**



PA-18 Cowling, for 95hp

RH Side Cowl	U10810-007	**$324.35**
LH Side Cowl	U10810-008	**$324.35**
RH Side Cowl – Use with shielded ignition leads	U10810-015	**$439.19**
LH Side Cowl – Use with shielded ignition leads	U10810-016	**$439.18**
PA-18 95 Nose Cowl (screw fastener)	U10802-000	**$1,035.20**
(Lyon type fastener)	U10802-005	**$1,035.20**
Top Cowl • FMA/PMA Approved	U10808-003	**$140.54**
Bottom Cowl • FMA/PMA Approved	U10809-010	**$319.53**
Top Mounting Bracket	10814-005	**$26.88**
LH Mounting Bracket	10815-006	**$55.91**
RH Mounting Bracket	10815-007	**$55.91**
Bottom Cowl – installed with machine screws	U10809-008	**$280.21**

PA-18 Side Cowl

FAA/PMA APPROVED

- *For 105, 125, 135, and 150hp*
- *Includes latches*

LH Side Cowl, 105hp
U12358-000 ..... **$418.71**
RH Side Cowl, 105hp
U12358-001 ..... **$418.71**
LH Side Cowl, 125-150hp
U13029-000 ..... **$487.55**
RH Side Cowl, 125-150hp
U13029-001 ..... **$487.55**

Engine Mounts

FAA/PMA APPROVED

C-90 Continental ..... U12209-000 ..... **$830.19**
105, 135hp Lycoming..... 12351-012 ..... **$454.36**
125hp Lycoming ..... U12351-011 ..... **$856.09**
150hp Lycoming* ..... U12351-015 ..... **$499.29**

**Complies with AD 72-01-07*

Lycoming Powered PA-18 Nose Cowls

Part #	Starter Hole 2.875″	Oil Cooler Scoop	Prop Hole		Engine HP	Approval
			8.75″	6.13″		
U13716-000	X	X	X		135 & 150	FAA/PMA
13716-000S		X	X		135 & 150	Field
12355-500			X		135-180*	Field
U12355-004				X	105-125	FAA/PMA
U12355-000	X		X		105-125	FAA/PMA

**With baffle mounted oil cooler*

Prices
U13716-000 ..... **$1,299.00**
13716-000S **$1,269.29**
12355-500 ..... **$1,223.89**
U12355-004 ..... **$1,092.42**
U12355-000 ..... **$1,210.74**

PA-18 Nose Cowl, 95hp

FAA/PMA APPROVED

PA-18 Nose Cowl
for screw fasteners U10802-000 **$1,035.20**
for lion fasteners U10802-005 **$1,035.20**

Fuselage Cowls

FAA/PMA APPROVED

- *Excluding cold air box and windshield strips*

95hp, SN 1 to 5933* ..... U10789-002 ..... **$1,222.73**
135-150hp,
SN 2168 to 8019* ..... U12381-002 ..... **$1,170.45**
150hp, 9″ panel,
SN 8020 and up* ..... U14849-000 ..... **$1,103.74**

**Must be sent motor freight; additional crating charges CR13 apply*

Fuel System

Description	Part #	Price
Fuel Line Elbow (458-892)	AN823-6D	**$9.79**
Primer Line Tee Fitting (460-652)	702X2	**$18.48**
Fuel Line Elbow (460-654)	402X6	**$7.72**
Fuel Gascolator Elbow (460-659)	352X6	**$5.75**
Fuel Line Elbow (460-661)	3400X4	**$5.57**
Compression Nut Fitting (460-684)	61X2	**$0.82**
Female Inverted Elbow (460-689)	450X6	**$5.03**
Primer Jet (468-340)	U31197-000	**$43.96**
Inverted Tee (488-374)	WH600X6	**$5.84**
Strainer Bail	U494-644	**$50.98**
Fuel Strainer Screen	U750-272	**$2.12**
Fuel Strainer Bowl Seat	U750-273	**$13.88**
Fuel Valve Washer	756-645	**$2.75**
Primer Line, 105-135hp	10143-020	**$26.43**
Primer Line Assembly, 150hp	10143-061	**$23.41**
Primer Line Assembly – Inlet/Outlet, 105-150hp	10143-063	**$47.46**
Primer Line from Tee, LH rear of engine to LH front cylinder, 150hp	10143-091	**$45.32**
Primer Line from Tee, LH rear of engine to LH rear cylinder, 150hp	10143-095	**$26.50**
Fuel Gauge Glass Tube	U10852-000	**$17.04**
Fuel Line Assembly for all PA-18 SN's and PA-18A SN 1215 to 1969	10729-000	**$50.74**
Fuel Line Assembly, used with RH tank installed	10729-003	**$76.37**
Fuel Gauge Elbow	U10834-000	**$82.32**
Fuel Gauge Housing	U10837-000	**$91.41**
Fuel Gauge Bushing	U10847-000	**$15.09**
Fuel Gauge Float	U10853-000	**$5.35**
Header Tank RH Clamp Assembly	11299-006	**$99.59**
Fuel Line Assembly	U11300-000	**$142.32**
Fuel Line Assembly	U11300-003	**$103.80**
Fuel Line Assembly	11301-000	**$7.89**
Fuel Line Assembly	11973-005	**$93.86**
Primer Line Assembly, 105-135hp	11987-009	**$18.95**
Gasket	U85012-051	**$4.07**
Fuel Vent Line Assembly	11987-023	**$28.81**
Primer Line	11987-061	**$29.62**
Fuel Strainer Bowl – EZ drain	U12764-000	**$100.40**
Rear Header Tank Clamp, LH	12836-002	**$67.20**
Fuel Valve Indicator Plate with RH Tank	12838-003	**$68.20**
Primer Line Support Bracket, 105-135hp	12870-000	**$16.61**
Vent Line – Rear Header Tank, RH, SN 3014 and up	14207-000	**$69.80**
Fuel Line – Rear Header Tank, RH Tank to Header Tank	14208-000	**$78.82**
Fuel Line – Rear Header Tank to Fuel Valve, SN 3014 and up	14209-004	**$97.95**
Primer Line to Intake Manifold Tube Clamp	18307-000	**$26.52**
Primer Inlet Line Assembly, 95hp	71242-008	**$34.22**
Fuel Strainer Mounting Bracket	U71991-000	**$57.15**
Primer Pump Spacer Bushing	U80012-065	**$10.85**
Primer Line Attach Clamp	U80032-069	**$12.57**
Filler Neck Washer	U80122-048	**$5.86**

PIPER PA-18, PA-18A

Description	Part #	Price
Fuel Line Washer	80122-067	**$5.60**
Fuel Flex Hose	U82371-004	**$14.42**
Vent Hose	82371-006	**$21.88**
Fuel Hose	U82371-010	**$17.48**
Fuel Hose	U82371-031	**$22.35**
Fuel Line to Rear Header Tank	U82371-036	**$27.53**
Fuel Strainer Cover	U87477-002	**$90.19**
Fuel Drain Valve • FAA/PMA	F391-14	**$27.05**

Fuel Valve

FAA/PMA APPROVED

3-way valve for two tanks: right or left (not both), and off. This new fuel valve for PA-18 eliminates concerns of failure due to extreme cold. Handle not included.

Fuel Valve	U491-947K	**$355.08**
Handle	U61964-100	**$61.50**
Screw (for handle)	MS24693S48	**$0.12**

Fuel Line

FAA/PMA APPROVED

- *14.5" length*
- *Gascolator to carburetor*

U17766-065 ..... **$166.19**

Gas Cap and Gasket

FAA/PMA APPROVED

- *Complies with AD 78-10-03*

Gas Cap – includes gasket
U60750-002 ..... **$94.96**
Gas Cap Gasket
U60750-006 ..... **$1.44**

Fuel Gauge

Fuel Gauge Housing ..... U10837-000 ..... **$91.41**
Gauge Assembly ..... U10804-000 ... **$167.50**

PA-18 Fuel Cap Covers and Kits

- *Complies with Service Bulletin 979*

Cover only	U85327-002	**$158.16**
Cover Kit (Includes installation hardware)	85327-500	**$348.83**

Piper Gascolator

FAA/PMA APPROVED

- *Metal bowl with quick drain*
- *For J-3, PA-11 through PA-25*

Piper Gascolator ..... U14330-002 ..... **$220.70**

Electrical

Description	Part #	Price
5-Amp Circuit Breaker (454-656)	W23X1A1G-5	**$38.28**
15-Amp Circuit Breaker (454-658)	W23X1A1G-15	**$34.32**
Battery Tube Drain Clamp	454-925	**$9.80**
30-Amp Fuse (461-624)	AGC-30	**$1.05**
Master Relay (negative polarity)	484-373	**$42.20**
Fuel Gauge Sender Gasket	462-021	**$1.31**
Starter Solenoid (5/16 inch terminal)	U487-149	**$78.82**
Starter Switch, 105-150hp (487-527)	U487-550	**$47.32**
Master Switch (487-776)	AN3023-1	**$130.00**

Continued on next page ▶

PA-18 Fuel Tanks

	New Original Piper		New FAA/PMA	
Left Fuel Tank, PA-18, 95hp and PA-11	10849-000REC	**$1,229.97**	—	—
Right Fuel Tank • FAA/PMA Approved	—	—	U10849-025	**$1,545.76**
Left Fuel Tank, SN 469 and up	—	—	U10849-032	**$1,545.76**
Right Fuel Tank, used with electric fuel gauge	—	—	U10849-043	**$1,545.76**
Left Fuel Tank, used with electric fuel gauge	—	—	U10849-034	**$1,545.76**
Fuel Cap*, new Univair	—	—	U60750-002	**$94.96**
Fuel Tank Cover, SN 469 and up, new Univair	—	—	U12570-009	**$243.71**

**Complies with AD 78-10-03*

New Heavy Duty, Welded Stainless Steel, Vented Header Tanks for PA-18

Header Tank, Front, Heavy Duty • FMA/PMA Approved ..... U60763-002 ..... **$323.39**
Header Tank, Rear, Heavy Duty, SN 1 to 3013 • FMA/PMA Approved ..... U12837-000 ..... **$359.57**
Original Piper Header Tank, Rear, SN 3014 and up ..... U14211-000 ..... **$324.35**

Available only from Univair

Description	Part #	Price
Jumper – Solenoid Fuse Block	10438-000	**$11.75**
Bogert Battery Cable Assembly (Copper)	18WIREKIT	**$259.00**
Fuse Block Assembly	12156-000	**$35.64**
Solenoid to Fuse Block Wire	12177-017	**$10.18**
Tail Light Wire	12177-026	**$4.97**
Tail Light Wire	12177-028	**$8.44**
Solenoid to Starter Switch Wire	12177-029	**$7.61**
Light Grounding Wire, Outboard	12177-033	**$10.18**
Solenoid to Starter Switch Wire, 95hp	12177-040	**$9.92**
Panel Unit to Battery Wire	12177-068	**$10.18**
Ground Wire	12177-069	**$5.51**
Ammeter Wire Assembly	12177-071	**$13.48**
Starter Switch to Solenoid Wire, 125-135hp	12177-088	**$8.81**
Battery Box Lid	12280-000	**$95.73**
Wiring Harness	12298-000	**$36.24**
Wiring Harness	12298-006	**$96.77**
Landing Light Mounting Plate, 95-135hp	12527-000	**$91.67**
SN 3771, 3781 and up	U12527-003	**$95.23**
Landing Light Wiring Harness	U12298-011	**$73.64**
Landing Light Wiring Harness	U12298-012	**$150.08**
Landing Light Bracket	U12524-002	**$20.29**
Landing Light Bracket	U12524-003	**$15.10**
Landing Light Bracket	U12524-004	**$15.02**
Landing Light Plate	U12525-000	**$22.39**
Reinforcement Plate	U12529-002	**$21.16**
Reinforcement Plate	U12529-003	**$25.49**
Landing Light Lens (14⅛ inch)	12532-000	**$53.46**
Landing Light Lens, SN 5059 and up	12532-003	**$67.65**
Attaching Strip, 95-135hp	U12533-002	**$3.20**
Side Attachment Strip, SN 1 to 5058	U12533-003	**$6.07**
Landing Light Top and Bottom Attaching Strip, 135-150hp	U12533-005	**$6.16**
Lighting Switch Panel, SN 1 to 7409139	12807-000	**$65.92**
Battery Access Door, PA-18A, SN 1215 and up	12913-000	**$122.36**
Fuse Block Assembly, SN 1215 to 7409139 (11718-000)..	13051-000	**$48.07**
Battery Door Frame, SN 665 and up	13179-000	**$179.86**
Battery Door, SN 665 and up	U13180-000	**$118.15**
Battery Drain Tube, SN 1215 to 2849, 2851 to 2856	13586-002	**$2.38**
Battery Box Assembly, SN 2850, 2857 and up	14064-000	**$413.80**
Battery Box Lid, SN 2850, 2857 and up	14065-000	**$207.35**
Battery Air Intake, SN 2850, 2857 and up	14066-000	**$61.69**
Battery Bolt Terminal	14069-000	**$31.99**
Positive Terminal Insulation Strip	U14070-000	**$38.24**
Terminal Bolt Assembly, SN 3014 and up	U14225-000	**$61.50**
Landing Light Attach Strip, LH (U14786-000)	U12533-003	**$6.07**
Landing Light Attach Strip, RH (U14786-001)	U12533-003	**$6.07**
Landing Light Attach Strip, Top and Bottom, 150hp, SN 5059 and up	U14787-003	**$10.92**
Wiring Harness, 105-150hp, with no radio	14798-000	**$266.36**
Master Switch Panel, SN 1 to 7409139	15066-000	**$61.93**
Battery Ground Cable, SN 3014 and up	17604-009	**$46.04**
Spacer Bushing	U80012-004	**$5.47**
Terminal Bolt Attach Washer	U81342-056	**$3.24**

Clear Landing Light Lenses

Lens, 14" long ..... 12532-000 ..... **$53.46**
Lens, 12.75" long ..... 12532-002 ..... **$67.65**
Lens, 13.75" long ..... 12532-003 ..... **$67.65**

Sealed Beam Bulb Unit

FAA/PMA APPROVED

• *For all popular aircraft landing lights*

Sealed Beam Bulb
4509 ..... **$12.88**
Halogen Light Bulb
Q4509 ..... **$27.12**

Starter Solenoid

FAA/PMA APPROVED

This FAA/PMA approved solenoid is a 6 volt unit. It is a direct replacement for the original Piper solenoid. The 6 volt unit has larger contacts than a 12-volt unit thus providing a longer service life. The existing wiring is adequate for a 12-volt electrical system using this solenoid.

Starter Solenoid, with 5/16" terminals ..... U487-149 ..... **$78.82**

Piper Surplus (while supply lasts)
Starter Solenoid, with 3/8" terminals ..... 487-163 ..... **$51.56**

Master Relay (negative polarity)
484-373 ..... **$42.20**

Landing Light Kit

For PA-18 105-135hp,
SN 1 to 3770, 3772 to 3780
752-176 ..... **$1,076.13**

For PA-18 135-150hp,
SN 3771, 3781 and up
754-053 ..... **$1,111.67**

Controls

Description	Part #	Price
Control Cable Fork	U461-132	**$38.20**
Flap Cable Installation Spring, PA-18A	487-291	**$6.70**
Stabilizer Adjustment Upper Horn Link	U10449-000	**$25.11**
Idler Yoke Center Clamp, SN 2945 to 2979, 2981 and up	U10466-028	**$13.15**
Stabilizer Adjustment Indicator Cover Plate		
Black	U10936-000BK	**$53.06**
Red	U10936-000RED	**$53.06**
Flap Return Spring	U10940-000	**$24.65**

PIPER PA-18, PA-18A

Description	Part #	Price
Stabilizer Adjust Bungee Pulley Bracket	U11692-005	**$13.51**
Flap Control Pawl	U11700-000	**$19.21**
Stabilizer Adjust Crankshaft Pin	U12105-000	**$33.05**
Cable Guard Bracket	U12241-000	**$23.88**
Flap Control Lever	U12774-000	**$497.57**
Flap Ratchet, SN 8920 and up	U12776-000	**$32.44**
Control Stick Stub, 135-150hp	U13729-000	**$324.12**
Control Stick Top		
105-125hp	12403-002	**$130.18**
135-150hp, Front	U13731-002	**$126.62**
135-150hp, Rear	U13731-003	**$140.10**
135-150hp, Front Assembly	U13733-002	**$415.64**
135-150hp, Rear Assembly	U13733-003	**$426.04**
Torque Tube Assembly,		
135-150hp, and 95hp SN 2892 and up	U13735-000	**$693.09**
Stabilizer Adjust Link Assembly,		
Brass Bushing Insert	U14177-000	**$16.76**
Assembly	U14180-002	**$201.45**
Flap Handle Shim Washer	14340-000	**$7.75**
Flap Return Spring, SN 3771, 3780 and up	U14384-000	**$15.53**
Flap Handle Ratchet, PA-18A	U14904-000	**$27.27**
Control Stick Knob (18875-007 and 471-049)	U10911-000	**$9.13**
Torque Tube Bearing Cap	21811-003	**$140.89**
Short Fairlead Segment	U40071-000	**$0.97**
Fairlead Snap Ring	U40081-000	**$0.36**
Elevator Bungee Cable, 95hp	40123-066	**$24.05**
Elevator Bungee Cable, 105-150hp	U40123-078	**$28.36**
Idler Yoke Assembly	U40651-000	**$31.55**
Long Fairlead Segment	U40701-000	**$0.96**

Description	Part #	Price
Stabilizer Control Cable Front Rubbing Block	U40721-000	**$32.92**
Aileron Cable Rub Plate	U40731-000	**$8.12**
Trim Cable Pulley Housing	U40821-003	**$8.36**
Trim Crank Escutcheon Plate	U41101-000	**$20.29**
Stabilizer Crank (U41111-002)	U41111-000	**$93.12**
Stabilizer Trim Indicator	U41121-000	**$25.49**
Trim Crank Escutcheon Plate Spring	U41151-000	**$7.08**
Elevator Cable Attach Link	U41271-002	**$13.69**
Torque Tube Bearing Attachment Shim	U41371-002	**$2.93**
Torque Tube Bearing Attachment Shim	U41371-003	**$2.86**
Torque Tube Bearing Attachment Shim	U41371-005	**$6.53**
Stabilizer Adjust Cable, 125-150hp,		
stainless steel, used on seaplanes	U41671-019	**$230.25**
Stabilizer Indicator Wire	U42664-003	**$17.77**
Stabilizer Adjustment Yoke	U42692-000	**$212.22**
Control Stick Stub	U42792-000	**$292.84**
Front Stick Assembly, 105-125hp	42812-000	**$288.66**
Rear Stick Assembly, 105-125hp	42812-002	**$288.66**
Stabilizer Indicator Wire Spring	U42891-000	**$5.53**
Cable Fairlead	U42911-000	**$9.76**
Stabilizer Adjustment Screw (U42961-002)	U42961-102	**$82.52**
Flap Lever Spring	U50111-000	**$1.47**
Idler Yoke Clamp, SN 1 to 2944 and 2980	80002-015	**$11.82**
Spacer Bushing	U80012-004	**$5.47**
Torque Tube Washer	80122-017	**$4.93**
Washer	U80122-018	**$1.59**
Attach Washer	U80122-024	**$3.07**
Washer	U80122-041	**$9.80**
Cable to Bellcrank Link	U81262-014	**$3.93**

PA-18, PA-18A Control Cables

U461-132

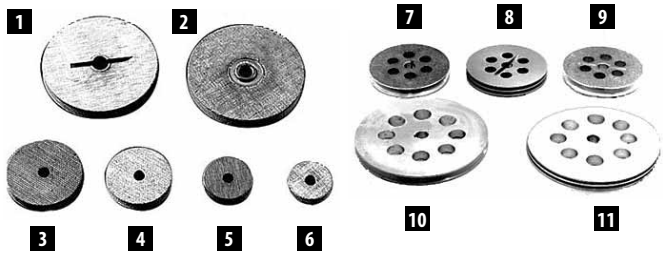
40123-066

Description	Galvanized	Price	Stainless	Price
Aileron to Lower Horn	U40123-003	**$101.71**	U14300-019	**$123.91**
Aileron to Upper Horn	U40123-076	**$114.03**	U14300-028	**$117.45**
Rudder	10865-000	**$159.71**	U10865-005	**$172.64**
Bungee, for 105, 125, 135, 150	U40123-078	**$28.36**	U40123-078S	**$31.75**
Bungee, for 95	40123-066	**$24.05**	U40123-066S	**$28.87**
Bungee, for 125, 135, 150 Seaplane	—	—	U40123-089	**$51.29**
Bungee, for 105 (SN 1 to 548) Seaplane	—	—	U40123-081	**$42.39**
Bungee, Front for 105 (SN 1 to 548) Seaplane	—	—	U40123-092	**$64.65**
Bungee, Rear for 105 (SN 1 to 548) Seaplane	—	—	U40123-088	**$55.36**
Elevator, Lower for 95, 105, 125, PA-18 (SN 1 to 3013), PA-18A (SN 1215 to 1969), PA-18-95 (SN 1 to 2891)	—	—	10870-008	**$100.77**
Elevator, Lower for 95, 135, 150, PA-18 (SN 2892 and up)	U13745-000	**$175.02**	U13745-003	**$205.79**
Elevator, Lower for 105, 125	—	—	U10870-017	**$138.66**
Elevator, Upper for 125, 135, 150	U10870-007	**$131.54**	U10870-016	**$130.15**
Flap in Frame for 105, 125, 135, 150	U12794-000	**$92.86**	U12794-004	**$120.58**
Flap in Frame (PA-18A only) (13271-000)	U13271-003	**$250.93**	U13271-003	**$250.93**
Flap, Upper for 105, 125, 135, 150	U40123-077	**$101.44**	U14300-027	**$140.30**
Stabilizer Adjustment (SN 1 to 548), PA-18 and PA-18A on floats	U41671-013	**$227.60**	U41671-015	**$229.13**
Stabilizer Adjustment (SN 549 and up) 125, 135, 150	U41671-017	**$221.15**	U41671-019	**$230.25**
Piper Special Turnbuckle Fork	U461-132	**$38.20**	—	—

Description	Part #	Price
Cable Link	U81262-036	**$13.51**
Idler Yoke Attachment Link, SN 1 to 548	81322-003	**$10.47**
Washer	U81342-005	**$6.83**
Washer (81342-008)	NAS1149F0532P	**$0.05**
Washer	U81342-011	**$5.18**
Washer	U81342-042	**$1.89**
Aileron Cable Connecting Link	U81352-011	**$7.67**
Tension Spring	U81411-002	**$23.71**
Pulley Crank Lock Pin	81761-004	**$9.10**
Crank Lock Pin	81761-011	**$7.40**
Bushing	U86102-092	**$9.74**

Piper Pulleys

FAA/PMA APPROVED



Description	O.D.	I.D.	Part #	Price
1) Pulley, trimcrank with bushing (fiber)	2¾ inch	⅜ inch	U41171-000	**$56.64**
1a) Pulley (no slot)	2¾ inch	⅜ inch	U40991-000	**$13.44**
2) Pulley, with bearing (fiber) (41001-010)	2¾ inch	5/16 inch	U41001-008	**$46.68**
3) Pulley (fiber)	1¾ inch	¼ inch	U80421-000	**$8.31**
4) Pulley (fiber)	1½ inch	¼ inch	U481-609	**$7.66**
5) Pulley (fiber)	1⅛ inch	¼ inch	U11200-000	**$11.16**
6) Pulley (fiber)	1 inch	¼ inch	U43001-000	**$13.35**
7) Pulley, stabilizer screw (aluminum)	2¾ inch	⅜ inch	U43061-000	**$88.38**
8) Pulley, double groove (aluminum)	2¾ inch	⅜ inch	U12983-000	**$50.80**
9) Pulley, trimcrank (aluminum)	2¾ inch	⅜ inch	U10080-000	**$117.08**
10) Pulley, adjustment screw (aluminum), single groove	4 inch	⅜ inch	U11008-000	**$137.25**
11) Pulley, adjustment screw (aluminum), double groove	4 inch	⅜ inch	U12982-000	**$103.30**

Fairleads

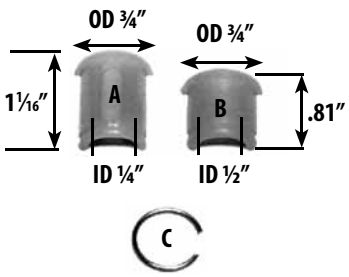
FAA/PMA APPROVED

A) Long Fairlead Segment
U40701-000 ..... **$0.96**

B) Short Fairlead Segment
U40071-000 ..... **$0.97**

C) Snap Ring
U40081-000 ..... **$0.36**

Each segment sold separately



Rudder Pedals

LH.....U40842-004.....**$116.28**
RH.....U40842-005.....**$116.28**

Liner Tubes

FAA/PMA APPROVED

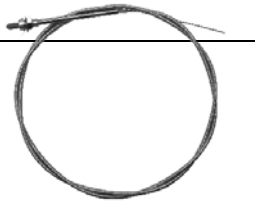
1) Link Assembly Liner Tube (80132-011) ..... U86062-080 ..... **$92.03**
2) Rear Liner Tube (80132-010) ..... U86062-079 ..... **$55.46**

65" Control Cable

FAA/PMA APPROVED

- *65" long, less knob*
- *Used for mixture, cabin heat, carb heat and other applications*

U16775-000.....**$55.09**



Stabilizer Yoke and Adjustment Screw

FAA/PMA APPROVED

Yoke ..... U42692-000 ..... **$212.22**
Adjustment Screw..... U42961-102 ..... **$82.52**

Miscellaneous

Description	Part #	Price
Felt (per foot)	180-497	**$3.54**
Landing Gear and Tailwheel Nut and Bolt Kit	752-196	**$139.95**
Wing and Lift Strut Installation Nut and Bolt Kit	752-206	**$117.07**

Steel "U" Channels (in 6-foot lengths)

¼ inch Channel (¼ x ¼) (750-284)	X141472	**$4.65**
⅜ inch Channel (⅜ x ⅜) (.024)	U750-285	**$8.57**
⅜ inch Channel (⅜ x ⅜) (.036)	U750-285HD	**$6.61**
½ inch Channel (½ x ½)	X121272	**$22.71**
¾ inch Channel (¾ x ½)	X341272	**$22.17**
⅝ inch Channel (⅝ x ½)	X581272	**$19.90**

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Piper PA-20, PA-22 Index

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Many parts can be correctly identified by the nomenclature listed in this section. However, we suggest that you also have the correct parts manual for positive identification.

Manuals

Description	Part #	Price
PA-20 115hp Flight Manual	20FM115	**$6.29**
PA-20 125/135hp Flight Manual	20FM125/135	**$6.29**
PA-20 115-125hp and PA-22 125hp Owners Manual	20WM125	**$13.57**
PA-20 135hp and PA-22 135hp Owners Manual	20WM135	**$8.48**
PA-22 150hp Owners Manual	22WM150	**$10.66**
PA-22 108hp Owners Manual	22WM108	**$22.39**
PA-22 108hp Flight Manual	22FM108	**$6.29**
PA-22 125hp Flight Manual	22FM125	**$6.29**
PA-22 135hp Flight Manual	22FM135	**$6.13**
PA-22 160hp Flight Manual	22FM160	**$8.94**
PA-20 Parts Manual, illustrated	20PM	**$24.53**
PA-22 Series Parts Manual	22PM	**$34.10**
Service Aids, Bulletins, Letters and Memos, PA-11 through PA-22	PBLPA	**$60.25**
PA-22 Series Inspection Report	230-201	**$1.72**
PA-22-108 Colt Inspection Report	230-206	**$1.72**

Wings

Description	Part #	Prices
Flap and Aileron Attach Pin (424-217)	MS20392-3C41	**$0.70**
Front Spar Splice Kit	750-736	**$230.06**
Rear Spar Splice Kit	750-737	**$264.93**
Fuel Tank Strap Felt	10016-017	**$4.92**
Fuel Tank Strap Felt	10016-021	**$7.36**
#2 Drag Strut Drag Wire Pull Fitting, Front	U10161-004	**$11.49**
#3 Drag Strut Drag Wire Pull Fitting, Front	U10161-005	**$11.49**
#2 Drag Strut Drag Wire Pull Fitting, Rear	U10171-004	**$5.35**
#4 Drag Strut Drag Wire Pull Fitting, Front/Rear	U10171-003	**$5.35**
Wing Navigation Light Bracket	U12560-000	**$93.12**
LH Lower Strut Fairing	U12969-000	**$115.30**
RH Lower Strut Fairing	U12969-001	**$115.30**
Round Inspection Plate, Original Piper Style	U12761-002	**$34.41**
Generic	483-10	**$2.25**
LH Upper Front Strut Cuff		
without tie-down ring	U12973-000	**$101.30**
with tie-down ring	U12973-004	**$111.09**
RH Upper Front Strut Cuff		
without tie-down ring	12973-001	**$101.30**
with tie-down ring	U12973-003	**$111.09**
Upper Rear Strut Cuff		
LH	U12974-000	**$76.37**
RH	U12974-001	**$76.37**
Outboard Leading Edge Skin	U13072-005	**$46.16**
False Spar Attachment Gusset	U13171-000	**$22.88**
Lift Strut Fork Bolt	U13241-000	**$12.79**
Pitot and Static Tube Assembly, 135hp	U13764-000	**$144.84**
Rear Spar Butt Hinge Fitting	U14161-000	**$26.61**
#4 Drag Strut	U14222-000	**$101.49**
#2 Drag Strut	U14222-002	**$103.26**
#1 Drag Strut	U14232-002	**$88.23**
#2 Drag Strut Front Spar Angle	U14401-003	**$10.13**
#4 Drag Strut Front Spar Angle	U14401-005	**$13.57**
LH Center Leading Edge Cover, PA-22, SN 2378, 2425 and up	U14405-000	**$172.14**
RH Center Leading Edge Cover, PA-22, SN 2378, 2425 and up	U14405-001	**$172.14**
#2 Drag Strut Rear Spar Angle	U14411-002	**$10.02**
#4 Drag Strut Rear Spar Angle	U14411-004	**$9.36**
Wing Lift Strut Fork, 7/16 inch (U14481-002)	U14481-003	**$80.33**
Pitot Tube Assembly, PA-22, SN 2378, 2425 and up	14494-000	**$109.33**
Drag Wire Nipple, 6-40 threads, #3 Drag Strut	U10201-000	**$8.62**
Drag Wire Nipple, #2 Drag Strut	U10211-000	**$33.24**
Drag Wire Clevis, #3 Drag Strut, Rear	U10221-000	**$13.02**
Upper Strut Cuff Fairing, PA-20	U10225-000	**$80.89**
RH Upper Strut Cuff Fairing, PA-20	U10225-001	**$80.89**
Front Spar Butt Hinge Fitting	U10401-000	**$28.79**
RH Inboard Leading Edge, PA-22 and with auxiliary fuel system on Colt	U10630-005	**$100.94**
LH Inboard Leading Edge	U10630-008	**$100.94**
Fuel Tank Cover Rear Support, PA-20 115hp	10633-005	**$61.83**
Fuel Tank Front Top Short Strap	U10648-003	**$38.15**
Fuel Tank Rear Top Long Strap	U10649-003	**$57.97**

Description	Part #	Prices
Fuel Tank Inboard and Outboard Bottom Strap	U10650-002	**$48.12**
Fuel Gauge Glass Tube, PA-20 (U10676-003)	U10852-000	**$17.04**
Fuel Gauge Plug, PA-20	U10676-004	**$21.48**
Fuel Gauge Access Plate, PA-20	U10878-000	**$14.01**
Navigation Light Wire Clip	U11061-000	**$5.68**
False Spar Reinforcement Plate, PA-22, SN 807 and up	11473-047	**$9.60**
Wing Root Top Fairing	U11523-000	**$59.27**
RH Rear Bottom Wing Root Fairing, PA-22, SN 1 to 7642, 8000 to 8814, 8816, 8818, 8821, 8822	U11524-003	**$55.46**
RH Front Bottom Wing Root Fairing, PA-22 SN 1 to 7642, 8000 to 8814, 8816, 8818, 8821, 8822	U11659-000	**$25.90**
LH Rear Bottom Wing Root Fairing, PA-22 (same SN's as above)	U11524-004	**$55.46**
LH Front Bottom Wing Root Fairing, PA-22, SN 1 to 806	U11525-000	**$52.74**
PA-22, SN 807 and up	U11525-002	**$52.74**
LH Leading Edge Wing Root Fairing	U11526-000	**$82.71**
RH Leading Edge Wing Root Fairing	U11526-001	**$82.71**
Airspeed Bracket, LH	U11580-000	**$13.50**
#4 RH Rib Assembly, Tri-Pacer (11752-001)	U1225-03	**$82.60**
Drag Wire Washer	11933-000	**$15.77**
Butt Rib Leading Edge Attach Angle	12331-002	**$9.48**
Tie Down Ring Assembly	U12345-004	**$39.86**
LH Inboard False Spar	U12463-000	**$191.09**
RH Inboard False Spar	U12463-001	**$191.09**
LH Center #2 False Spar, Tri-Pacer	U12473-000	**$66.95**
RH Center #2 False Spar, Tri-Pacer	U12473-001	**$66.95**
Fairing Attach Plate	12537-000	**$95.71**
Aileron Horn Stop Assembly	U14581-005	**$118.12**
Drag Wire Assembly	U14941-006	**$22.22**
Drag Wire Assembly	U14941-007	**$21.97**
#3 LH Outboard False Spar	U15572-000	**$48.45**
#3 RH Outboard False Spar	U15572-001	**$37.86**
LH Leading Edge Wingtip Cover	U15723-000	**$185.77**
RH Leading Edge Wingtip Cover	U15723-001	**$185.77**
Tip Bow Front Spar Rear Fitting	U16551-000	**$15.65**
Tip Bow Front Spar Front Fitting	U16561-000	**$17.00**
RH Center Leading Edge, PA-22, SN 1 to 2377, 2379 to 2424	U15482-004	**$177.24**
LH Center Leading Edge, PA-22, SN 1 to 2377, 2379 to 2424	U15482-005	**$177.24**
Wing Root Seal, 10-foot length	U19795-000	**$16.00**
Rubber Lower Fairing Block	U30831-002	**$9.60**
Short Fairlead Segment	U40071-000	**$0.97**
Fairlead Snap Ring	U40081-000	**$0.36**
Long Fairlead Segment	U40701-000	**$0.96**
Aileron Outboard Hinge	U41881-000	**$57.32**
Flap Outboard Hinge	U41881-002	**$71.98**
Leather Patch Reinforcement	U60863-003	**$3.04**
Fuel Tank Strainer	U72091-000	**$50.85**
Fuel Tank Filler Cap Flange	74181-000	**$18.96**
Spar Butt Hinge Bushing	80022-031	**$8.69**
Fuel Tank Strap Stud	U80111-000	**$13.79**
Fuel Tank Strap Installation Washer	U80122-011	**$0.83**
Hinge Washer (U80122-016)	U80122-086	**$1.65**
Filler Neck Washer	U80122-048	**$5.86**
Inspection Ring, Original Piper Style	U85012-078	**$6.60**
Round Inspection Ring, Generic	483-15	**$0.72**
Drain Grommet	U80122-053	**$3.01**
Drag Wire Washer	U81102-003	**$3.36**
Pyralin Disc at Wingtip	81232-015	**$1.75**
Fuel Hose	U82371-010	**$17.48**
Rectangular Inspection Cover	U82461-000	**$13.23**
Airspeed Hose	83161-002	**$2.80**
Door Latch Kit	U52745-000	**$3.33**
Flap Attach Washer	85012-010	**$1.75**
Strainer Gasket	U85012-032	**$3.08**
Leather Reinforcement at Leading Edge	U85012-049	**$3.75**

Spars

FAA/PMA APPROVED

PA-20 Spar Assembly

LH Front Spar	U11753-002	**$493.22**
RH Front Spar	U11753-007	**$493.22**
LH Rear Spar	U11754-007	**$475.92**
RH Rear Spar	U11754-008	**$475.92**

PA-22 Spar Assembly

LH Rear, SN 1 to 2425, except 2378	U11754-007	**$475.92**
RH Rear, SN 1 to 2425, except 2378	U11754-008	**$475.92**
LH Rear, SN 2378, 2425 to 7642	U14399-002	**$410.02**
RH Rear, SN 2378, 2425 to 7642	U14399-003	**$410.02**
LH Rear, SN 8000 and up	U14399-006	**$410.02**
RH Rear, SN 8000 and up	U14399-007	**$410.02**
LH Front, SN 1 to 2425, except 2378	U11753-002	**$493.22**
RH Front, SN 1 to 2425, except 2378	U11753-007	**$493.22**
LH Front, SN 2378, 2425 and up	U14398-002	**$425.82**
RH Front, SN 2378, 2425 and up	U14398-003	**$425.82**

Wing Leading Edge Skins

FAA/PMA APPROVED

LH Inboard	U10630-008	**$100.94**
RH Inboard	U10630-005	**$100.94**
RH Inboard	15137-000	**$99.26**
LH Center, SN 1 to 2425, except 2378	U15482-005	**$177.24**
RH Center, SN 1 to 2425, except 2378	U15482-004	**$177.24**
LH Center, PA-22, SN 2378, 2425 and up	U14405-000	**$172.14**
RH Center, PA-22, SN 2378, 2425 and up	U14405-001	**$172.14**
Outboard Skin	U13072-005	**$46.16**
LH Wingtip Skin	U15723-000	**$185.77**
RH Wingtip Skin	U15723-001	**$185.77**

Lift Strut Hardware

Bolt	U13241-000	**$12.79**
Nut	AN320-6	**$1.56**
Cotter Pin (AN380-3-3)	MS24665-283	**$0.04**

Wing Assemblies, Uncovered

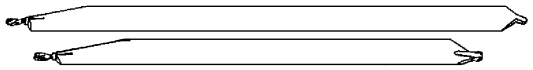
FAA/PMA APPROVED

For serial numbers 2378, 2425 and up. Wings are built with Univair's FAA/STC approved one-piece stamped aluminum wing ribs. These wings exclude fuel tanks, flaps and ailerons.

LH Wing Assembly	14407-000UR	**$8,445.76**
RH Wing Assembly	14407-001UR	**$8,276.11**

Lift Struts

FAA/PMA APPROVED



Eliminate repetitive AD inspections of your struts and forks with Univair's new oiled and sealed lift struts. Complies with AD 2015-08-04. These struts include the new heavy duty, heat treated, magnafluxed ⅝ inch rolled thread strut fork and nut.

Front Lift Strut ..... U85560-002 ..... **$499.80**
Rear Lift Strut..... U85559-002 ..... **$499.80**

Ailerons and Flaps

FAA/PMA APPROVED

LH Flap..... U12469-000 ..... **$1,016.62**
RH Flaps..... U12469-001 ..... **$1,016.62**
LH Aileron ..... U12468-000 ..... **$1,302.76**
RH Aileron..... U12468-001 ..... **$1,302.76**

Aluminum Bearing Block Repair Kit

STC APPROVED

Simple repair for most all fabric-covered Piper. Allows repair of bearing block on flap and aileron hinge, and avoids need to replace bearing blocks. Simple and practical repair. Basic kit includes 4 bushings, reamer, adhesive, and 2 new clevis pins.

- *STC approved for use on Piper J-3, J-4, PA-11, PA-12, PA-14, PA-15, PA-16, PA-17, PA-18, PA-20, PA-22, and PA-25*
- *Provide aircraft model, registration numbers, and serial number when ordering*

Piper Bearing Block Repair Kit..... STC-SA02128LA **$197.50**

Stainless Steel Lift Strut Forks

FAA/PMA APPROVED

• *See photos on page 64*

Original Size 7/16 inch-diameter rolled thread fork,
(nut not provided) ..... U14481-003 ..... **$80.33**
Heavy Duty ⅝ inch-diameter heat treated fork
for sealed struts only (supplied with nut)..... U89201-003 ..... **$109.35**

PA-22 Strut Cuffs

FAA/PMA APPROVED

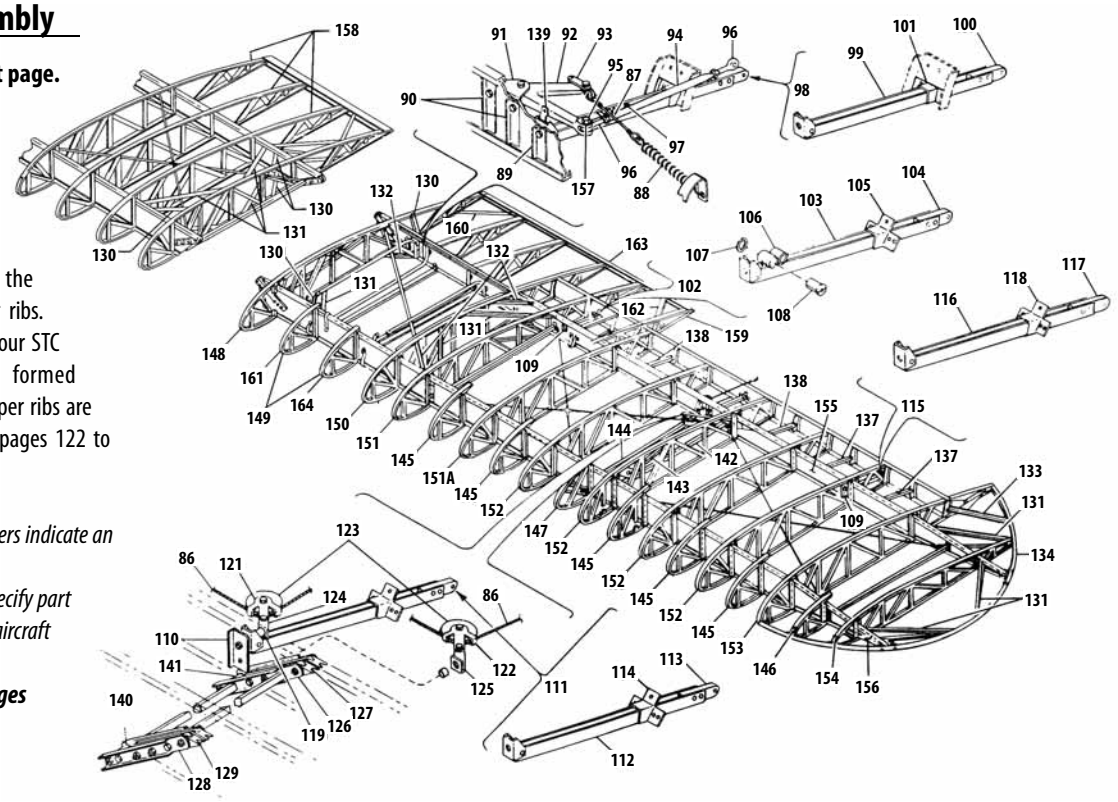
1) Upper Front Strut Cuff
Left with Tie Down Fitting ..... U12973-004 ..... **$111.09**
Left without Tie Down Fitting..... U12973-000 ..... **$101.30**
Right with Tie Down Fitting..... U12973-003 ..... **$111.09**
Right without Tie Down Fitting .....12973-001 ..... **$101.30**
2) Upper Rear Strut Cuff
Left ..... U12974-000 ..... **$76.37**
Right) ..... U12974-001 ..... **$76.37**
3) Lower Strut Cuff
Left ..... U12969-000 ..... **$115.30**
Right..... U12969-001 ..... **$115.30**

Wing Panel Assembly

Parts list begins on next page.

The ribs illustrated are the original "Truss type" Piper ribs. The ribs in our listing are our STC approved one-piece, formed aluminum ribs. Original Piper ribs are listed in parenthesis. See pages 122 to 128 for details.

- *"U" prefixes on part numbers indicate an FAA/PMA approved part*
- *When ordering, always specify part number, description, and aircraft serial number*
- ***Crating and Labor Charges** can be found on page 393*



See "Wing Panel Assembly" illustration on page 102 for reference

Figure #	Code	Description	# Req'd	Serial Numbers Affected	Part #	Price
86		Cable Assembly, Aileron	4		U11527-002	**$101.47**
87	D	Flap Return Spring (11694-002)	2	1 to 1377 and 2379 to 2424	U14384-000	**$15.53**
88	D	Flap Return Spring	2	1 to 1377 and 2379 to 2424	U10940-000	**$24.65**
	D	Flap Return Spring (487-328)	2	378 and 2425 to 7642	U14384-000	**$15.53**
89	D	Angle, Rear Spar, #1 Flap Hinge Bracket	2		U11675-003	**$11.35**
90	D	Angle, Rear Spar, Flap Bellcrank Attachment	4		U11675-002	**$11.35**
91	D	Bracket, Flap Bellcrank Attachment	2		U11672-000	**$48.74**
92	D	Bellcrank, Flap, LH	1		U40092-010	**$120.77**
	D	Bellcrank, Flap, RH	1		U40092-009	**$120.77**
93	D	Link, Flap Cable Attachment, at Bellcrank	4		U81262-014	**$3.93**
94	D	Rod, Flap Control, Push-Pull	2		U11677-000	**$33.12**
95		Screw, Flap, Push-Pull Rod to Bellcrank		1 to 806	12713-004	**$1.95**
	D	Screw (410-050)		807 to 7642	MS24694S63	**$0.40**
96	D	Bearing, Flap Push-Pull Rod End	4		U452-335	**$34.45**
98	D	Bracket, Flap Hinge, #1, Inboard	2		U12474-002	**$148.46**
99	D	Bracket, Hinge	1		U10912-006	**$78.07**
100	D	Block, Bearing	1		U10921-000	**$18.34**
101	D	Clamp	1		U12476-000	**$10.55**
102	D	Bracket, Flap Hinge, #2, Outboard	2		U12474-000	**$251.70**
103	D	Bracket, Hinge	1		U10912-006	**$78.07**
104	D	Block, Bearing	1		U10921-000	**$18.34**
105	D	Clamp Attachment, at False Spar	1		U12056-002	**$15.68**
106	D	Guide, Aileron Cable	1		U12467-000	**$44.72**
107		Ring, Fairlead Snap	4		U40081-000	**$0.36**
108		Fairlead, Aileron Cable, Split/Safety, less Ring	8		U40701-000	**$0.96**
109		Angle, Rear Spar at #2 Flap and Aileron Hinge Bracket	4		U10291-000	**$16.57**
110		Angle	2		U14401-007	**$7.46**
111		Bracket Assembly, Aileron Hinge, #1, Inboard	2		U10703-002	**$104.66**
112		Hinge, Bracket	1		U10912-008	**$50.86**
113		Block, Bearing	1		U10921-000	**$18.34**
114		Clamp Attachment, at False Spar	1		U12056-002	**$15.68**
115		Bracket Assembly, Aileron Hinge, #2, Outboard	2		U10703-000	**$98.38**
116		Bracket, Hinge	1		U10912-006	**$78.07**
117		Block, Bearing	1		U10921-000	**$18.34**
118		Clamp Attachment, at False Spar	1		U12056-002	**$15.68**
119		Bushing, Upper Aileron Pulley Housing	2		86102-054	**$14.13**
121		Housing Assembly, Aileron Pulley, Upper	2		U41291-000	**$41.06**
122		Housing Assembly, Aileron Pulley, Lower	2		12462-000	**$69.44**
123		Pulley, Aileron Cable	4		U40991-000	**$13.44**
124		Fitting, Upper Aileron Pulley Housing Attachment	2		U14261-002	**$58.66**
125		Fitting, Lower Aileron Pulley Housing Attachment, LH	1		U12466-000	**$40.86**
		Fitting, Lower Aileron Pulley Housing Attachment, RH	1		U12466-001	**$40.86**
126		Fitting, Lift Strut, Rear Spar	4		U11755-003	**$37.54**
127		Block, Filler, Lift Strut Fitting, Rear Spar	4		U11757-002	**$29.15**
128		Fitting, Lift Strut, Front Spar	4		U11755-000	**$41.86**
129		Block, Filler, Lift Strut Fitting, Front Spar	4		U11757-000	**$41.50**
130		Brace, Channel, at #1 Rib, 8½ inch	4		U12252-002	**$9.54**
131		Brace, Channel, 16 inch, #1, 4, 12 Rib and Bow to Spar, Tip End		1 to 2377 and 2379 to 2424	U12252-003	**$10.61**
		Brace, Channel, 16 inch, #1, 4, 13 Rib and Bow to Spar, Tip End	16	2378 and 2425 and up	U12252-003	**$10.61**

Continued on next page ▶

See "Wing Panel Assembly" illustration on page 102 for reference

Figure #	Code	Description	# Req'd	Serial Numbers Affected	Part #	Price
132		Brace, Channel, 6¼ inch, #4 and #1 Rib to Spar	6		U12252-006	$10.35
133		Brace, Channel, 11 inch, #11 Rib to Bow		1 to 2377 and 2379 to 2424	U12252-005	$9.54
		Brace, Channel, 11 inch, #12 Rib to Bow	2	2378 and 2425 and up	U12252-005	$9.54
134		Bow, Wingtip	2		U453-126	$33.88
137	B, D	Brace Assembly, Aileron False Spar, #3 and #4 (#3, #4 and #5 on 150 and 160; #6 on 108hp)	4		U14541-000	$30.43
138	B	Brace Assembly, Aileron False Spar, #1 and #2	4		U14541-002	$69.41
139	C	Plate, Flap Bellcrank Stop	2		U11678-000	$16.08
140		Spacer, Lift Strut Fitting, Rear Spar	2		U15631-003	$13.33
141		Spacer, Lift Strut Fitting, Front Spar	2		U15631-002	$13.33
142		Tube, Brace, Lower "N" at Strut Point	2		U16472-000	$96.49
143		Tube, Brace, Diagonal "N" at Strut Point	2		U11771-000	$79.78
144		Tube, Brace, Upper "N" at Strut Point	2		U16462-000	$89.25
145	B, D	Rib Assembly, Nose (#14 on 150, 160 and 108hp) (15831-002)	10		U1200-02	$21.82
146		Rib Assembly, Wingtip, Nose, LH (16192-000)	1		U1216-00	$23.49
		Rib Assembly, Wingtip, Nose, RH (16192-001)	1		U1216-01	$35.01
147		Rib Assembly, Nose, Special, at Strut Fitting (15712-000)	2		U1200-05	$30.69
		Rib Assembly, Nose, Special, at Strut Fitting, 150, 160 and 108hp (15712-002)	2		U1200-05	$30.69
148	C	Rib Assembly, #1 Butt, LH (12470-000)	1		U1225-00	$101.44
	C	Rib Assembly, #1 Butt, RH (12470-001)	1		U1225-01	$103.52
	B	Rib Assembly, #1 Butt, LH (10634-002)	1		U1229-00	$129.53
	A, B	Rib Assembly, #1 Butt, RH (10634-009)	1		U1229-01	$103.85
149	C	Rib Assembly, #2 and #3, LH and RH (12472-000)	4		U1226-00	$94.35
150	C	Rib Assembly, #4, LH (11752-000)	1		U1225-02	$86.18
	C	Rib Assembly, #4, RH (11752-001)	1		U1225-03	$82.60
	B	Rib Assembly, #4, LH (12046-010)	1		U1229-02	$98.28
	A	Rib Assembly, #4, RH (12046-011)	1		U1229-03	$103.52
151	C	Rib Assembly, #5, LH and RH (12046-004)	2		U1207-00	$91.29
	B	Rib Assembly, #5, LH and RH (12825-000)	2		U1218-00	$96.42
151A		Rib Assembly, #6, LH and RH (12046-004)	2		U1207-00	$91.29
152	C	Rib Assembly, #7-10, LH and RH (#7-11 on 150, 160 and 108hp) (12046-004)	8		U1207-00	$91.29
153	D	Rib Assembly, #11, Aileron, Outboard, LH (#12 on 150, 160 and 108hp) (12046-007)	1		U1206-00	$142.29
	D	Rib Assembly, #11, Aileron, Outboard, RH (#12 on 150, 160 and 108hp) (12046-008)	1		U1206-01	$124.33
154	D	Rib Assembly, #12, Tip, LH (#13 on 150, 160 and 108hp) (10742-002)	1		U1202-00	$126.99
	D	Rib Assembly, #12, Tip, RH (#13 on 150, 160 and 108hp) (10742-003)	1		U1202-01	$121.89
155		Spar Assembly, Wing, Rear, LH	1	1 to 2377 and 2379 to 2424	U11754-007	$475.92
		Spar Assembly, Wing, Rear, RH	1	1 to 2377 and 2379 to 2424	U11754-008	$475.92
		Spar Assembly, Wing, Rear, LH	1	2378 and 2425 to 7642	U14399-002	$410.02
		Spar Assembly, Wing, Rear, RH	1	2378 and 2425 to 7642	U14399-003	$410.02
155		Spar Assembly, Wing, Rear, LH	1	8000 and up	U14399-006	$410.02
		Spar Assembly, Wing, Rear, RH	1	8000 and up	U14399-007	$410.02
156		Spar Assembly, Wing, Front, LH	1	1 to 2377 and 2379 to 2424	U11753-002	$493.22
		Spar Assembly, Wing, Front, RH	1	1 to 2377 and 2379 to 2424	U11753-007	$493.22
		Spar Assembly, Wing, Front, LH	1	2378 and 2425 and up	U14398-002	$425.82
		Spar Assembly, Wing, Front, RH	1	2378 and 2425 and up	U14398-003	$425.82

See "Wing Panel Assembly" illustration on page 102 for reference

Figure #	Code	Description	# Req'd	Serial Numbers Affected	Univair Part #	Price
157	C	Washer, Flap Push-Pull Rod Attachment at Bellcrank	4		80122-007	**$4.49**
158	B	Rib Assembly, #2, #3 and #4 RH Wing Only, used with no auxiliary fuel tank (12046-002)	3		U1228-05	**$95.64**
159	B	Rib Assembly, Aileron, Inboard, LH (15131-000)	1		Not Available	—
	B	Rib Assembly, Aileron, Outboard, RH (15131-001)	1		Not Available	—
160	B	Channel, Brace	1		U12252-008	**$8.30**
161	A, B	Rib Assembly (10635-000)	1		U1224-00	**$80.92**
162	B	Channel, Brace	1		U12252-003	**$10.61**
163	B	Trailing Edge Assembly	1		Not Available	—
164	A, B	Rib Assembly (10635-003)	1		U1224-00	**$80.92**

Code A: *Used on PA-22-108hp with auxiliary fuel system.* ***Code B:*** *Used on PA-22-108hp ONLY.* ***Code C:*** *NOT used on PA-22-108hp.* ***Code D:*** *150hp Wing panels used on PA-22 airplanes with serial numbers 2600 and 2601.*

Frame

Description	Part #	Price
¼ inch Steel U Channel, 6 ft (750-284)	X141472	**$4.65**
⅜ inch Steel U Channel, 6 ft	U750-285	**$8.57**
Stabilizer Yoke Inspection Plate Grommet	U10292-000	**$9.55**
Tail Inspection Panel Grommet	U10293-000	**$7.87**
Idler Adjuster Oblong Grommet	U10984-000	**$13.73**
Vertical Fin	U11783-000	**$426.11**
Frame Wing Rear Hinge Fitting, LH	U11821-000	**$33.90**
Frame Wing Rear Hinge Fitting, RH	U11821-001	**$33.90**
Stabilizer Yoke Inspection Cover, LH	U11990-000	**$26.60**
Stabilizer Yoke Inspection Cover, RH	U11990-001	**$26.60**
Fuselage Cowl Bottom Cup Fairing	U12622-000	**$104.40**
Door Latch Plate	13012-000	**$45.57**
Triangular Bottom LH Fairing, inside gear	13140-002	**$85.37**
Triangular Bottom RH Fairing, inside gear	13140-004	**$85.37**
Rear of Fuselage Cowl Fairing, PA-22	13143-000	**$233.58**
Firewall Assembly Bottom Panel	U13149-000	**$147.51**
Static Vent Line Attach Plate Assembly, PA-22, SN 2378, 2425 and up	14495-000	**$44.25**
Frame Upper Engine Mount Fitting	20291-000	**$137.58**
Frame Lower Engine Mount Fitting	20301-000	**$127.52**
Tailwheel Spring Attach Fitting, PA-20, SN 763 and up (20611-002)	L1027-02	**$32.73**
Tail Skid Front U Fitting	U20631-000	**$32.08**
Landing Gear Fittings, LH	U21262-004	**$278.17**
RH	U21262-005	**$278.17**
Tail Post Assembly	U22412-000	**$110.36**
Tail Inspection, LH Panel	U60742-000	**$28.22**
Tail Inspection, RH Panel	U60742-001	**$28.22**
Leather Reinforcement Patch	U60863-003	**$3.04**
Reinforcement Grommet	80122-051	**$4.37**
Drain Grommet	U80122-053	**$3.01**
Rear Seat Clip Reinforcement Grommet	80122-056	**$9.39**
Rectangular Inspection Plate Grommet	U80541-002	**$10.87**
Rectangular Inspection Cover	U82461-000	**$13.23**
Airspeed Hose	83161-002	**$2.80**

Window and Door Structural Channel Kit

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Includes all the 4130 steel channel pieces shown below for both right and left sides of aircraft. Some final trimming may be required for finishing fit.

Window and Door Structural Channel Kit ..... 819-22 ..... **$460.21**

Window and Door Structural Channels for PA-22

• Complies with Piper Bulletin #819

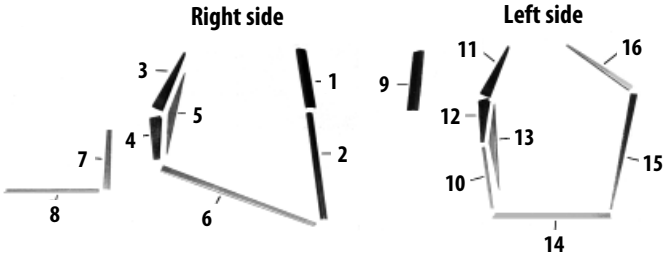


Fig #	Part #	Price
1	819-22-01	**$20.73**
2	819-22-02	**$40.65**
3	819-22-04T	**$48.77**
4	819-22-04B	**$46.88**
5	819-22-04C	**$44.65**
6	819-22-05D	**$37.54**
7	819-22-05G	**$36.44**
8	819-22-08G	**$14.99**

Fig #	Part #	Price
9	819-22-06	**$50.40**
10	819-22-07B	**$16.91**
11	819-22-07T	**$43.87**
12	819-22-07H	**$47.29**
13	819-22-07C	**$50.36**
14	819-22-08D	**$15.52**
15	819-22-09	**$52.16**
16	819-22-10	**$47.78**

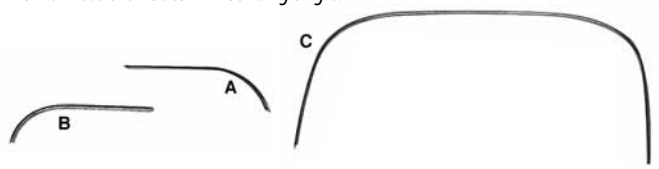
Door Hinge

FAA/PMA APPROVED

A) Front Door Hinge (on door) ..... MS35822-15D-18 ..... **$27.38**
B) Baggage Door Hinge ..... 22BD **$21.40**
C) Front Door Hinge (on frame) ..... MS35822-13D-20 ..... **$33.04**

Firewall Moulding

• *NOTE: These are not cowl mounting angles*



A) LH Lower Moulding ..... U14972-000 ..... **$106.11**
B) RH Lower Moulding ..... U14972-001 ..... **$106.11**
C) Upper Moulding ..... U14973-000 ..... **$128.79**

Cockpit and Interior

Description	Part #	Price
Vacuum Line Fitting (451-857)	AN840-4D	**$7.50**
Windshield Support Bumper, PA-22, SN 1 to 353	U453-640	**$3.23**
Hose Clamp	454-903	**$1.79**
Vacuum Hose	455-149	**$6.55**
Vacuum Line Elbow (458-893, AN822-3D)	MS20822-3D	**$15.12**
Vacuum Line Elbow (458-903)	AN842-4	**$6.60**
Vacuum Line Elbow (458-918)	AN914-3D	**$31.81**
Vacuum Line Connector (460-649)	234X4	**$5.80**
Suction Valve Plug (460-669)	3152X2	**$1.23**
Throttle Knob, black (471-049)	U10911-000	**$9.13**
Door Knob, ivory	471-051	**$2.19**
Control Knob, red	471-053	**$2.17**
Control Knob, black	471-059	**$2.35**
Control Knob, black	471-060	**$3.27**
Front Seat Stop Control Knob	471-063	**$6.18**
Nipple (476-659)	3326X6	**$3.58**
Tach Shaft, non-recording (486-565, TACH-34NR)	U1713-N340	**$111.48**
Tach Shaft, recording (486-570)	U1713-R325	**$111.48**
Seat Frame Spring, 19½ inches	487-274	**$45.36**
Vacuum Check Valve	492-029	**$76.76**
Window Ventilator Kit	U752-287	**$165.94**
Front Seat Stop Plunger, PA-22, SN 3218, 3387 and up	12032-002	**$75.88**
Baggage Strap, Buckle End, PA-22, SN 1 to 806	12036-002	**$14.63**
Baggage Strap, Tip End	12036-003	**$15.36**
Rear Floorboard, PA-22, SN 807 to 7642	12555-002	**$64.75**
Throttle Control, PA-22 (12693-004)	U455-139-004	**$223.95**
Recording Tachometer Attach Plate, PA-22, SN 1 to 353	12828-000	**$19.41**
Airspeed Tube	13541-004	**$9.94**
Window Hinge	13848-000	**$35.45**
Door Moulding	13945-019	**$45.18**
Vacuum Pump Discharge Line	14047-000	**$27.82**
Defroster Air Bottom Inlet Tube, PA-22, SN 807 and up	14148-000	**$230.29**
Defroster Air Top Outlet Tube, PA-22, SN 807 and up	14149-000	**$55.26**
Suction Regulating Valve	14205-000	**$74.80**
Vacuum Line Elbow	14345-000	**$19.97**
2 inch Adapter	14404-000	**$6.66**
Flex Connecting Hose	U15216-000	**$144.59**
Control Cable Assembly (excludes knob)	U16775-000	**$55.09**
Door Latch Kit	U52745-000	**$3.33**
Door Handle Spacer Washer, PA-20	U81342-020	**$2.44**
Access Panel Attach Washer	81342-074	**$1.92**
Door Handle Attach Pin	81761-011	**$7.40**
Manifold Tube Assembly	82332-026	**$59.37**
Vacuum Hose	82371-006	**$21.88**
Vacuum Pump to Oil Separator Hose	82371-025	**$39.78**
Vacuum Hose	U82371-033	**$38.37**
Airspeed Hose	83161-002	**$2.80**
Defroster Flex Tube, PA-22, SN 807 and up	85052-016	**$66.41**
Flap Control Plunger	U13203-000	**$46.44**
Lower Rear Sprocket, 15 teeth	13439-003	**$90.79**
Upper LH Sprocket, 12 teeth	13440-000	**$64.44**
Short Fairlead Segment	U40071-000	**$0.97**
Fairlead Snap Ring	U40081-000	**$0.36**
Stabilizer Idler Yoke Assembly, PA-20	U40651-000	**$31.55**
Long Fairlead Segment	U40701-000	**$0.96**
Stabilizer Adjustment Crank Escutcheon	U41101-000	**$20.29**
Stabilizer Adjustment Crank (41111-000)	U41111-000	**$93.12**
Stabilizer Adjustment Crank Escutcheon Spring	U41151-000	**$7.08**
Rudder Pedal Return Spring	U42891-000	**$5.53**
Cable Fairlead	U42911-000	**$9.76**
Flap Lever Spring	U50111-000	**$1.47**
Insert Bushing	U80012-004	**$5.47**
Insert Bushing	80022-067	**$7.81**
Pulley Washer	U80122-018	**$1.59**
Stabilizer Idler Yoke Attach Link, PA-20	81322-003	**$10.47**
Aileron Cable Pulley Attach Washer	U81342-011	**$5.18**
Spacer Washer, PA-22	U81342-042	**$1.89**
Stabilizer Adjustment Tension Spring	U81411-002	**$23.71**
Stabilizer Adjustment Crank Pulley Lock Pin	81761-004	**$9.10**
Rudder Pedal Torque Tube Spacer, .010 inch to .014 inch	85012-004	**$1.75**
Rudder Pedal Torque Tube Spacer, .015 inch to .020 inch	U85012-005	**$1.83**

PA-22 Instrument Panel Modification

• *For full description, see listing on page 134 in the Piper STC section*

STC SA00428SE upgrades the panel to use modern 3⅛" instruments. The modification has provisions for (7) 3⅛" instruments and (1) 2¼" Instrument. Form 337 required after installation. The installation of new 3⅛" instruments is not a part of this STC and will require a separate Form 337.

Kit for PA-22-150/160 ..... 92WD005100-1 ..... **$269.39**
Kit For PA-22-108 Colt ..... 92WD005100-501 ..... **$219.83**

Controls

Description	Part #	Price
Pulley Shaft Bearing	452-340	**$17.42**
Control Column Bearing	452-342	**$2.50**
Roller Chain to Turnbuckle Couple Link, PA-22, SN 354 and up	472-684	**$1.14**

Interconnecting Cable Tension Spring, PA-22	487-291	**$6.70**
Bungee Spring	U10940-002	**$48.25**
Stabilizer Adjustment Cable Bracket	U11692-005	**$13.51**
Flap Lever Pawl	U11700-000	**$19.21**
Stabilizer Indicator Cover Plate	U12102-000	**$106.38**
Stabilizer Adjustment Crank Pin	U12105-000	**$33.05**
Control Wheel LH Sprocket Shaft, PA-22, SN 354 and up	12520-005	**$66.41**
Flap Lever, less plunger mechanism	U13184-000	**$245.50**
Flap Control Lever	U13185-000	**$255.46**
Rudder Pedal Torque Tube Spacer, .032 inch (AN940-10)	U85012-006	**$2.45**
Control Column Shaft Attach Shim	85012-058	**$13.69**
Stabilizer Rear Liner Tube	U86062-079	**$55.46**
Stabilizer Link Assembly Liner	U86062-080	**$92.03**
Insert Bushing, PA-20	U86102-043	**$7.96**
Insert Bushing (86102-064)	108-8611000	**$18.19**
Tie Rod Attach Pin (424-174)	MS20392-2C11	**$0.48**

Control Cables

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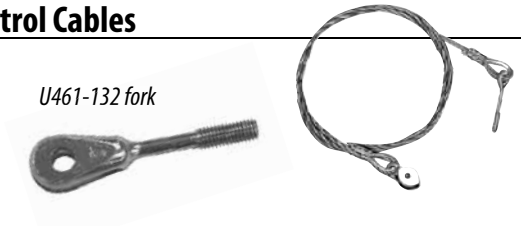
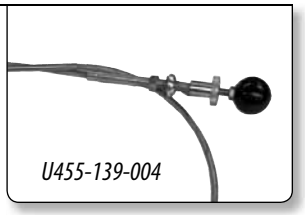


Description	Galvanized	Price	Stainless	Price
Aileron Balance, in top deck	U40123-069	**$111.48**	U40123-069S	**$107.59**
Aileron Control, in wing	U11527-002	**$101.47**	U11527-004	**$100.78**
Elevator				
to Lower Horn	U40123-068	**$104.60**	U40123-068S	**$118.05**
to Upper Horn	U40123-067	**$98.71**	U40123-067S	**$118.05**
Stabilizer Adjustment Cable	U41671-016	**$229.28**	U41671-018	**$218.47**
RH Rudder Cable, PA-22, SN 3218, 3398 to 7642	U13109-010	**$132.92**	U13109-018	**$148.98**
LH Rudder Cable, PA-22, SN 3218, 3398 to 7642	U13109-012	**$132.92**	U13109-019	**$148.98**
Upper Flap Cable, PA-22 1953-54 and PA-22, SN 807 and up	U12515-003	**$148.69**	U12515-004	**$161.97**
Elevator Bungee				
Upper Cable	U40123-061	**$49.63**	U40123-073	**$42.39**
Lower Cable	U40123-070	**$39.73**	U40123-070S	**$47.64**
Aileron/Rudder Interconnecting Cable, PA-22, SN 807-7642	U13108-002	**$345.64**	U13108-011	**$415.64**
Piper Fork	U461-132	**$38.20**	—	—

Throttle Cables

FAA/PMA APPROVED

Throttle Cable (with knob)
U455-139-004 ..... **$223.95**
Throttle Cable (less knob)
U455-139-000 ..... **$178.49**
Control Knob, Black
U10911-000 ..... **$9.13**



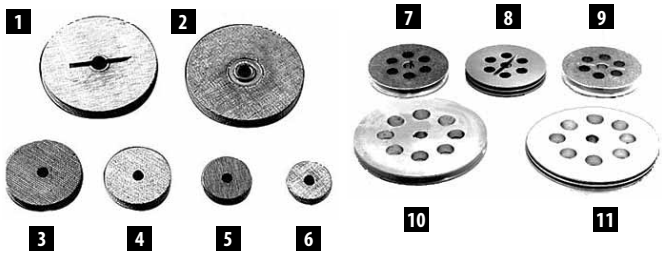
Liner Tubes

FAA/PMA APPROVED

A) Link Assembly Liner Tube (80132-011) ..... U86062-080 ..... **$92.03**
B) Rear Liner Tube (80132-010) ..... U86062-079 ..... **$55.46**

Piper Pulleys

FAA/PMA APPROVED



Description	O.D.	I.D.	Part #	Price
1) Pulley, trimcrank with bushing (fiber)	2¾ inch	⅜ inch	U41171-000	**$56.64**
1a) Pulley (no slot)	2¾ inch	⅜ inch	U40991-000	**$13.44**
2) Pulley, with bearing (fiber) (41001-010)	2¾ inch	5/16 inch	U41001-008	**$46.68**
3) Pulley (fiber)	1¾ inch	¼ inch	U80421-000	**$8.31**
4) Pulley (fiber)	1½ inch	¼ inch	U481-609	**$7.66**
5) Pulley (fiber)	1⅛ inch	¼ inch	U11200-000	**$11.16**
6) Pulley (fiber)	1 inch	¼ inch	U43001-000	**$13.35**
7) Pulley, stabilizer screw (aluminum)	2¾ inch	⅜ inch	U43061-000	**$88.38**
8) Pulley, double groove (aluminum)	2¾ inch	⅜ inch	U12983-000	**$50.80**
9) Pulley, trimcrank (aluminum)	2¾ inch	⅜ inch	U10080-000	**$117.08**
10) Pulley, adjustment screw (aluminum), single groove	4 inch	⅜ inch	U11008-000	**$137.25**
11) Pulley, adjustment screw (aluminum), double groove	4 inch	⅜ inch	U12982-000	**$103.30**

Knobs

FAA/PMA APPROVED

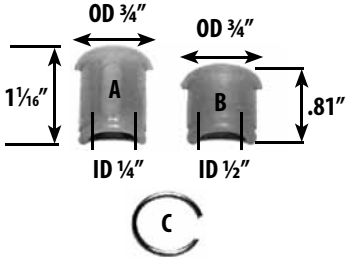
Black Throttle Knob ..... U10911-000 ..... **$9.13**
Ivory Door Knob ..... 471-051 ..... **$2.19**
Red Control Knob ..... 471-053 ..... **$2.17**
Black Control Knob ..... 471-059 ..... **$2.35**
Black Control Knob ..... 471-060 ..... **$3.27**
Front Seat Control Knob ..... 471-063 ..... **$6.18**

Fairleads

FAA/PMA APPROVED

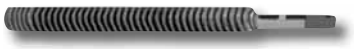
• *Fairleads are sold in halves*

A) Long Fairlead Segment
U40701-000 ..... **$0.96**
B) Short Fairlead Segment
U40071-000 ..... **$0.97**
C) Snap Ring
U40081-000 ..... **$0.36**



Stabilizer Yoke and Adjustment Screw

FAA/PMA APPROVED

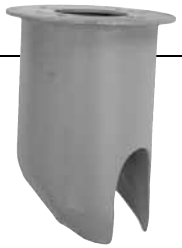


Yoke ..... U42692-000 ..... **$212.22**
Adjustment Screw..... U42961-102 ..... **$82.52**

Strobe Light Bracket

- *Can be used on the top of Piper rudders*
- *FAA field approval required*

Strobe Light Bracket..... U15722-002 .... **$107.91**



Tail Surfaces

Tail Brace Wires

FAA/PMA APPROVED

- *Round type to comply with AD 60-01-07*
- *Stainless steel wires and clevis*
- *See page 90 for additional details*

Upper Wire Assembly ..... U10555-002 ..... **$153.92**
Lower Wire Assembly ..... U10556-002 ..... **$153.92**
Original Installation Kit* ..... 10555-KIT **$46.30**

**For first time round wires are installed*

Top wire clevis

Bottom wire clevis

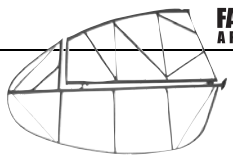
Square washer

Brass nipple

Top Wire, Upper Clevis (replaces 40521-008) ..... U61341-003 ..... **$24.56**
Top Wire, Lower Clevis (replaces 40521-007) ..... U61341-002 ..... **$32.54**
Bottom Wire, Upper Clevis (replaces 40521-009)..... U61341-004 ..... **$35.44**
Bottom Wire, Lower Clevis (replaces 40521-010)..... U61340-000 ..... **$32.54**
Square Washer ..... U81102-002 ..... **$4.49**
Brass Nipple ..... U41051-000 ..... **$22.41**
Jam Nut ..... AN315-5 ..... **$0.34**
Clevis Bushing..... U82732-072 ..... **$4.75**

Tail Surfaces, Uncovered

FAA/PMA APPROVED



LH or RH Elevator
U12649-000 ..... **$623.72**
LH or RH Stabilizer
U12647-000 ..... **$570.44**
Rudder ..... U40622-007 ..... **$408.00**
Fin..... U11783-000 ..... **$426.11**

Description	Part #	Price
Tail Surface Attach Pin (424-224)	MS20392-3C55	**$1.10**
Upper Tail Brace Wire (complies with AD 60-01-07)	U10555-002	**$153.92**
Lower Tail Brace Wire (complies with AD 60-01-07)	U10556-002	**$153.92**
Tie Rod Attach at Fin Fitting	U10075-002	**$24.85**
Lower Brace Tie Rod Fitting for streamline type wire	U10075-003	**$24.85**
Bottom Tie Rod Attach Fitting at stabilizer	U10075-004	**$26.11**
Elevator Horn Upper Link	U10449-000	**$25.11**
Bungee Spring	U10940-002	**$48.25**
Tail Light Wire Assembly	12177-039	**$10.18**
Crank Assembly, Stabilizer Adjustment (41111-000)	U41111-000	**$93.12**
Washer	U40131-000	**$6.72**
Tail Brace Wire Bottom Clevis (40521-007)	U61341-002	**$32.54**
Tail Brace Wire Top Clevis (40521-008)	U61341-003	**$24.56**
Tail Brace Wire Top Clevis (40521-009)	U61341-004	**$35.44**
Tail Brace Wire Top Clevis (40531-000)	U61340-000	**$32.54**
Long Tail Bushing	U80022-044	**$0.93**
Short Tail Bushing	U80022-045	**$1.17**
Hinge Pin Washer	U80122-086	**$1.65**
Tie Rod Attach Bushing, PA-22, SN 8000 and up	U82732-072	**$4.75**
Rudder Attach Hardware Kit	PSK-1	**$20.76**
Elevator Attach Hardware Kit	PSK-2	**$43.09**

Fuel System

Description	Part #	Price
Fuel Valve	U491-947K2	**$393.95**
Fuel Valve Handle	U61964-100	**$61.50**
Fuel Line Grommet (434-134)	MS35489-11	**$0.66**
Fuel Gauge Sender	U450-663	**$301.30**
Sender Gasket, AC Type	462-021	**$1.31**
Fuel Gauge Receiver (450-664)	3090-033	**$174.33**
Fuel Line Elbow (458-920)	3400X2	**$2.93**
Primer Line Tee (460-652)	702X2	**$18.48**
Fuel Line Elbow (460-654)	402X6	**$7.72**
Fuel Line Elbow (460-659)	352X6	**$5.75**
Fuel Line Elbow (460-661)	3400X4	**$5.57**
Drain Plug (460-670)	3152X6	**$0.83**
Fuel Line Elbow (460-689)	450X6	**$5.03**
Jet Primer (468-340)	U31197-000	**$43.96**
Fuel Line Union (491-072, 300X6)	302X6	**$2.58**
Strainer Bail Wire Assembly	U494-644	**$50.98**
Fuel Strainer Screen	U750-272	**$2.12**
Fuel Valve Washer	756-645	**$2.75**
Primer Line at LH Front Cylinder, PA-22, SN 1 to 1759	10143-020	**$26.43**
Primer Line at LH Rear Cylinder, PA-22, SN 1 to 1759	10143-061	**$23.41**
Primer Line to Gascolator	10143-065	**$42.51**
Primer Line at LH Front Cylinder, PA-22, SN 2378, 2425 and up	10143-091	**$45.32**
Fuel Gauge Glass Tube, PA-20 (10676-003)	U10852-000	**$17.04**
Fuel Gauge Plug, PA-20	U10676-004	**$21.48**
Primer Line Assembly	11987-009	**$18.95**
Primer Line Assembly	11987-061	**$29.62**
Fuel Strainer Bowl with EZ Drain	U12764-000	**$100.40**
Fuel Line, RH tank to strainer, Colt	U12862-005	**$165.68**
Fuel Line, RH Tank to Strainer	U12864-000	**$103.83**

Description	Part #	Price
Primer Line Tee Attach Bracket	12870-000	**$16.61**
Fuel Line Assembly, Tank to Pump, PA-22, SN 534 and up	U14412-003	**$37.30**
Fuel Strainer Cover, PA-22, SN 2378, 2425 and up (14428-000)	U87477-002	**$90.19**
Primer Tee Mounting Bracket, PA-22, SN 2378, 2425 and up	U14470-000	**$7.08**
Fuel Line Assembly	U14605-000	**$171.43**
Fuel Line Assembly, PA-22, SN 8000 to 9000	U14796-000	**$60.77**
Flex Fuel Line Strainer to Carburetor Complies with AD 72-21-03	U17766-66	**$134.31**
Primer Line Attach Clamp, PA-22, SN 2378, 2425 and up	18307-000	**$26.52**
Fuel Strainer Mounting Bracket Assembly	U71991-000	**$57.15**
Fuel Strainer	U72091-000	**$50.85**
Primer Line Attach Clamp	U80032-069	**$12.57**
Auxiliary Tank Front LH Installation Clamp	80032-076	**$16.55**
Filler Neck Washer	U80122-048	**$5.86**
Fuel Hose	U82371-010	**$17.48**
Fuel Gauge Gasket, 1950 PA-20 Sender	U85012-053	**$2.41**

Electric Fuel Gauge and Sender

Fuel Gauge Sender	U450-663	**$301.30**
Sender Gasket	50-716	**$7.95**
Sender Gasket (for original AC Type senders)	462-021	**$1.31**
Fuel Gauge Receiver	3090-033	**$174.33**

Piper Gascolator

FAA/PMA APPROVED

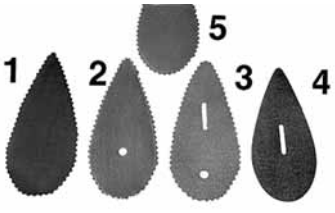
• Metal bowl with quick drain

Piper Gascolator	U14330-002	**$220.70**

Fuel Tanks

Left Hand	U10849-034	**$1,545.76**
Right Hand	U10849-033	**$1,434.36**
Fuel Cap (Complies with AD 78-10-03) FAA/PMA	U60750-002	**$94.96**
Fuel Tank Cover	U12570-009	**$243.71**
Fuel Cap Gasket (shown)	U60750-006	**$1.44**

Reinforcements



1) U60481-000		**$5.39**
2) U60863-005		**$6.74**
3) U60863-002		**$3.01**
4) U60863-003		**$3.04**
5) U60863-009		**$8.24**

For your covering and finishing needs, see the **Paint, Dope and Covering Supplies** section beginning on page 275. Univair stocks Tempo, Poly-Fiber, Randolph, Ceconite, and other fine lines.

Common Piper Grommets

For drain grommets, see the **Paint, Dope and Covering Supplies** section beginning on page 275.

1) Grommet, Tail	U10292-000	**$9.55**
2) Grommet	U10984-000	**$13.73**
3) Grommet	U85012-049	**$3.75**
4) Grommet	80122-051	**$4.37**
5) Grommet, Inspection Plate	U85012-078	**$6.60**
6) Grommet, Strut	U15761-000	**$6.40**
7) Grommet, Tail (used on PA-25 and later PA-18's)	U64834-000	**$26.02**
8) Grommet, Tail	U10293-000	**$7.87**
9) Grommet	U80541-002	**$10.87**
10) Grommet, Pulley Cover	U60671-000	**$8.53**

Wing Fuel Drain Valve

FAA/PMA APPROVED

F391-14		**$27.05**

Chassis and Landing Gear

All parts listed are for both PA-20 and PA-22 unless otherwise noted.

Description	Part #	Price
Nose Gear Seal Kit	PSK-3	**$29.86**
Nose Wheel Wiper Strip	187-625	**$15.50**
Wheel and Drum Assembly, PA-20 (451-760)	UD3-13A-1	**$1,336.34**
Brake Bleeder Tee Fitting, PA-20 (451-771)	B57-239	**$88.95**
Nose Wheel Main Upper Oleo Bearing (452-419)	B545DD	**$90.86**
Hydrasorb Unit	U487-558-1	**$354.06**
Nose Gear Outside Bearing Tube O-Ring (462-050)	MS28775-224	**$0.58**
Nose Gear Bearing Tube Retainer Ring	484-705	**$18.29**
Nose Gear Steering Rods • FAA/PMA		
For SN 1 to 3387	U13107-000	**$276.25**
For SN 3388 and up	U14679-000	**$283.22**
Nose Gear Top Inner Lower Tube Snap Ring	484-720	**$5.54**
Anchor Pin, PA-20 (750-006)	A20-54	**$15.82**
Felt Retainer Washer, PA-20 (750-010)	UA56-4	**$11.68**
Side Lock Ring, PA-20 (750-025)	A85-118	**$8.00**
Felt Retainer Lock Ring, PA-20 (750-026)	UA85-218	**$24.24**
Bearing Cone, PA-20 (750-063)	08125	**$49.66**
Bearing Cup, PA-20 (750-064)	08231	**$20.98**
Grease Retainer Felt, PA-20 (750-065)	B227-52	**$0.90**
Tailwheel Bronze Bushing (750-722)	U1800A	**$47.93**
Tailwheel Steering Arm (750-744)	U1709A-000	**$382.54**
Inside Grease Retainer, PA-20 (750-749)	U1863A-000	**$7.18**
Tailwheel Hub (750-752, 1967)	U1967A-000	**$382.54**
Tailwheel Bearing Cone (751-489)	13889	**$70.34**
Hub Cap, PA-22 (751-490)	158-01000	**$242.55**

PIPER PA-20, PA-22

Description	Part #	Price
Dust Cap, PA-22 (751-491)	157-00200	**$134.36**
Brake Drum, PA-22 (751-673)	169-00101	**$2,544.65**
Inner Wheel Half, PA-22 (753-131)	161-00600	**$398.40**
Inner Wheel Half, Disc Type Wheels, PA-22 (753-176)	161-01600	**$675.89**
Brake Disc Assembly, PA-22 (754-518)	164-00500	**$155.91**
Horn Attachment Cap Screw	10836-002	**$1.35**
Shimmy Dampener Eye Bolt, PA-22	U11601-002	**$73.94**
Bottom Tailwheel Spring	U12567-002	**$65.81**
Middle Tailwheel Spring	U12567-003	**$56.44**
Tailwheel Spring, 115-125hp	U12567-004	**$39.95**
Tailwheel Spring, 135hp	U12567-005	**$37.90**
Shock Strut Top End Fitting	U12639-000	**$213.46**
Shock Strut Bottom End Fitting	U12875-000	**$155.54**
Axle Nut	U13020-000	**$60.37**
Landing Gear Rear Leg Fairing, RH or LH, PA-20	U13053-000	**$52.61**
Nose Strut Outer Upper Tube Assembly	13069-000	**$1,104.64**
Nose Gear Torque Tube Upper Link Assembly	13074-802	**$346.78**
Nose Gear Torque Tube Lower Link Assembly	13074-003	**$230.70**
Nose Wheel Axle Rod	13089-000	**$65.92**
Brake Line On Gear Vee	U13104-000	**$42.78**
Nose Wheel Steering Rod, PA-22, SN 1 to 3386, except 2560 to 2562 and 3218	U13107-000	**$276.25**
Nose Gear Bumper Block	13114-000	**$21.81**
Bracket	13115-000	**$61.08**
Landing Gear Vee, Rear Leg Trailing Edge, PA-22	U13123-000	**$29.22**
Nose Gear Control Rod Trim Plate	13133-000	**$33.12**
Nose Gear Control Rod Seal Ring Housing	13134-000	**$30.54**
Landing Gear LH Outer Fairing	U13150-000	**$107.91**
RH Outer Fairing	U13150-001	**$107.91**
Nose Wheel Steering Rod, SN 3218, 3387 and up	U14679-000	**$283.22**
Nose Gear Steering Equalizer Clamp	U14929-003	**$36.15**
Axle Nut, PA-20, 1¼"	U30491-000	**$56.64**
Tailwheel Top Pad	U30541-002	**$8.35**
Hub Cap, PA-20	U31702-000	**$30.69**
Nose Gear Bronze Insert Bushing	80022-047	**$2.81**
Landing Gear Insert Bushing	U80022-063	**$7.02**
Tailwheel Bolt Spacer Washer	U85012-048	**$6.82**
Shock Strut Bumper Washer	U85012-057	**$4.17**
Nose Gear Air Valve Gasket (85012-091)	462-024	**$1.00**
Steering Horn Stop	U85061-000	**$8.54**
Nose Wheel Axle Tube	U86062-056	**$81.87**
Nose Wheel Spacer, used with 38501 wheel	U86062-057	**$24.48**

Bushwheel 3200 Tailwheel

The 3200 Series is a lightweight 8-inch tailwheel assembly designed to provide positive steering control far beyond rudder travel, and to release easily and automatically to full swivel when aircraft is turned around. The swivel mechanism is sealed to keep out water, sand and mud. Grease fittings are provided for lubrication. Precision components provide years of trouble-free service under severe operating conditions. Pneumatic assembly.

Pneumatic ..... ABI-3200 ..... **$1,025.00**

Tailwheel Spring Set

FAA/PMA APPROVED

• For both original PA-20 aircraft and the PA-22/20 conversion

Tailwheel Spring ..... PA20TWS135 ..... **$162.69**

PA-20 Landing Gear (Wide Gear)

FAA/PMA APPROVED

• 1¼ inch axle for Goodrich/Hayes Wheel and Brakes

LH, Uncovered ..... L13189-000 ..... **$1,338.61**
RH, Uncovered ..... L13189-001 ..... **$1,338.61**

PA-22 Landing Gear

FAA/PMA APPROVED

• 1½ inch axle for use with original Cleveland drum and shoe brakes
• Uncovered
• For serial numbers 1 to 7642, 8000 to 8269, 8271 to 8288, 8290, 8292, 8294 to 8297, 8299 to 8303, 8306, 8308 to 8333, 8335 to 8454, and 8456 (RH excludes SN 8318)

LH, Uncovered ..... U13016-000 ..... **$1,446.71**
RH, Uncovered ..... U13016-021 ..... **$1,446.71**

PA-22/20 Landing Gear Conversion

STC APPROVED

• 1½ inch axles for use on stock PA-20 Pacers

These gears are based on the PA-20 wide gear and have 1½ inch axles designed to accommodate the use of wheel and brake arrangements other than the original Goodrich on the PA-20. These gears require STC-SA12RM for installation (STC must be purchased with gears). Spacers required.

Cleveland 199-23100 Kit or
Cleveland 40-6 (stock PA-22 wheel)
Left ..... L1012-40 ..... **$1,430.03**
Right ..... L1012-41 ..... **$1,430.03**
STC Installation Approval ..... STC-SA12RM **$126.67**
2 each Inboard Spacers ..... U1105-06 ..... **$16.25**
2 each Outboard Spacers ..... U1105-09 ..... **$16.25**

Goodrich Brake Assembly Parts

• For all Pipers with 8.00 x 4 wheels
• While supplies last!

Brake Block (750-033) .... B27-59-1 .... **$53.62**
Spring (750-029) ..... B21-35 ..... **$6.90**
Shield (750-093) ..... A72-30 .... **$21.69**

Grove 800 x 4 Disk Brake Conversion **STC APPROVED**

- *For Goodrich wheels and brakes only*
- *Maintain your classic look*
- *Use your existing wheels, tires and tubes*
- *Use your existing master cylinder and brake lines*
- *Easy installation – all parts and special tools included*

Conversion Kit ..... 76002..... **$859.00**

Cleveland Wheel and Brake Conversion Kit

- *For use with L1012 series landing gears with 1½" axles*
- *STC approved*

Wheel and Brake Conversion Kits

199-23100.....**$1,998.91**
- *6.00 and 7.00 x 6 tires only*
- *Must have STC installation*

199-27600.....**$3,045.46**
- *PA-22 drum to disc*

The following axle spacers will be required for proper installation – priced and sold separately:

For use with L1012-00 and 01 landing gear

2 each Inboard Spacers..... U1105-06 ..... **$16.25**
2 each Outboard Spacers ..... U1105-07 ..... **$24.96**

For use with L1012-40 and 41 landing gear

2 each Inboard Spacers..... U1105-06 ..... **$16.25**
2 each Outboard Spacers ..... U1105-09 ..... **$16.25**

Cleveland Disc Brake Conversion Kit

- *For PA-22 Tri-Pacer*

These wheels and single puck disc brakes are the same as used on the PA-22-108 Colt. It is a straight bolt-on replacement for the original Cleveland/Van Sickle drum and shoe type brakes. No modification to axle. No axle spacers.

STC-SA91AL will be supplied at no charge when the kit is purchased. The STC may also be purchased separately. Aircraft serial number is required for STC issuance.

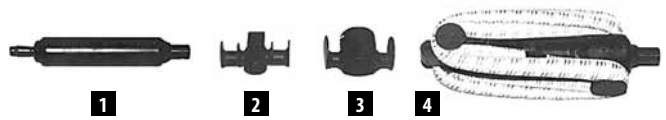
Cleveland PA-22 Brake Kit.....199-27600 .....**$3,045.46**
STC .....STC-SA91AL **$65.58**

Axle Nuts for Landing Gear

- *For gears with 1½ inch axles*

1) Axle Nut for Drilled Axles.....MS21025-24 ..... **$23.00**
2) Axle Nut for Slotted Axles ..... U13020-000 ..... **$60.37**

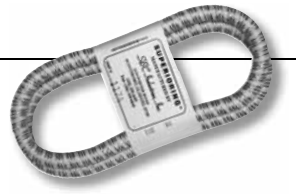
Shock Strut Assembly **FAA/PMA APPROVED**



1) Hydrasorb Unit.....U487-558-1 ..... **$354.06**
2) Shock Strut Top Fitting..... U12639-000 ..... **$213.46**
3) Shock Strut Lower Fitting..... U12875-000 ..... **$155.54**
4) Complete Hydrasorb Unit..... U13148-000 ..... **$806.31**

Shock Cords

For information on shock cords, see the **Supplies and Accessories** section beginning on page 334.



Brakes

Description	Part #	Price
Cleveland Brake Assembly, PA-22 (451-708)	030-00200	**$6,596.00**
Cylinder Nipple O-Ring (484-700)	MS28775-010	**$0.20**
Brake Nozzle Packing, PA-20 (750-016)	A64-3	**$6.15**
Brake Shoe Retracting Spring, PA-20 (750-029)	B21-35	**$6.90**
Brake Block, PA-20 (750-033)	B27-59-1	**$53.62**
Brake Inner Fairing, PA-20 (750-035)	B51-72	**$79.25**
Brake Frame, PA-20 (750-039)	D12-101	**$20.66**
Brake Frame Flange, PA-20 (750-041)	D15-25	**$37.30**
Brake Cylinder Piston (750-295)	U1383A-000	**$51.11**
Master Cylinder Vent Gasket (750-379)	U1159A	**$2.46**
Master Cylinder Diaphragm (2844)	U750-384	**$30.09**
Master Cylinder Spring (750-386, 1256)	U1256A-000	**$13.32**
Expander Tube Shield, PA-20 (750-893)	A72-30	**$21.69**
Brake Pedal Bushing (750-997)	1494	**$2.79**
Brake Pedal (750-999)	U1715A	**$172.89**
RH Brake Shoe, PA-22 (751-378)	172-00101	**$3,289.55**
LH Brake Shoe, PA-22 (751-379)	172-00102	**$3,100.05**
Bleeder Valve Body, PA-22 (751-380)	087-00100	**CALL**
Cylinder Assembly, PA-22 (751-488)	091-00300	**$2,720.25**
Brake Adjuster Eccentric, LH, PA-22 (751-675)	097-00101	**CALL**
Brake Adjuster Eccentric, RH, PA-22 (751-676)	097-00102	**CALL**
Brake Diaphragm Pad (752-688)	U2003-001	**$29.87**
Parking Brake Seal	MS28775-006	**$0.22**
Brake Return Spring, PA-22 (752-881)	082-00300	**$69.51**
Brake Line, PA-22	11987-041	**$21.53**
Brake Control Cable, PA-22, SN 3218, 3387 and up	U14300-005	**$67.11**
Brake Lever Knob (18875-007, 471-049)	U10911-000	**$9.13**
Trim Cable	U41671-016	**$229.28**
Brake Line Assembly, PA-20	U71061-004	**$126.94**
Spacer Washer, PA-22	U81342-042	**$1.89**

Brake Master Cylinder for PA-22

For more details on this rugged, trouble-free master cylinder, see the **Tires, Wheels, and Brakes** section beginning on page 344. Master cylinder parts also available. Contact Univair for details.

PA-22 Master Cylinder (451-709)
U1248A.....**$995.00**

Electrical System

Description	Part #	Price
Fuel Gauge Sender	U450-663	**$301.30**
Fuel Gauge Receiver (450-664)	3090-033	**$174.33**
Capacitor	454-044	**$20.81**
Capacitor	454-083	**$46.39**
5-Amp Circuit Breaker (454-648)	W23X1A1G-5	**$38.28**
15-Amp Circuit Breaker (454-650)	W23X1A1G-15	**$34.32**
25-Amp Circuit Breaker	454-652	**$19.17**
10-Amp Circuit Breaker (454-657)	W23X1A1G-10	**$27.37**
Cable Clamp	454-920	**$0.41**
Battery Drain Tube Clamp	454-925	**$9.80**
Cross Connector	455-161	**$0.68**
30-Amp Starter Switch Fuse (461-624)	AGC-30	**$1.05**
Dome Light Lens (472-330)	12715-000	**$81.18**
Starter Switch Solenoid	U487-149	**$78.82**
Starter Switch (487-527)	U487-550	**$47.32**
Master Switch (487-776)	AN3023-1	**$130.00**
Landing Light Kit for all PA-20 and PA-22, SN 1 to 2424, except 2378	751-200	**$952.34**
Landing Light Center Attach Bracket	U12524-002	**$20.29**
Landing Light Outboard RH Attach Bracket	U12524-003	**$15.10**
Landing Light Outboard LH Attach Bracket	U12524-004	**$15.02**
Landing Light Attachment Plate	U12525-000	**$22.39**
Landing Light Mounting Plate, PA-22, SN 1 to 2377, 2379 to 2424	12527-000	**$91.67**
Rib Reinforcement Outer Plate	U12529-002	**$21.16**
Rib Reinforcement Center Plate, PA-22, SN 1 to 2377, 2379 to 2424	U12529-003	**$25.49**
Landing Light Lens, PA-22, SN 1 to 2377, 2379 to 2424	12532-000	**$53.46**
Top/Bottom Attach Strip for Landing Light Lens PA-22, SN 1 to 2377, 2379 to 2424	U12533-002	**$3.20**
Side Attach Strip for Landing Light Lens PA-22, SN 1 to 2377, 2379 to 2424, 4050 and up (U14786-000)	U12533-003	**$6.07**
Wing Navigation Light Bracket	U12560-000	**$93.12**
Fuse Block	13051-000	**$48.07**
Battery Box Lid, PA-22, SN 1021, 1022, 1024 and up	14065-000	**$207.35**
Battery Air Intake Tube, PA-22, SN 1021, 1022, 1024 and up	14066-000	**$61.69**
Positive Insulation Strip, PA-22, SN 1021, 1022, 1024 and up	U14070-000	**$38.24**
Terminal Bolt Attach Washer	U81342-056	**$3.24**

Starter Solenoid

FAA/PMA APPROVED

With 5/16" terminals. This FAA/PMA approved solenoid is a 6 volt unit. It is a direct replacement for the original Piper solenoid. The 6 volt unit has larger contacts than a 12-volt unit thus providing a longer service life. The existing wiring is adequate for a 12-volt electrical system using this solenoid.

Starter Solenoid ..... U487-149 ..... **$78.82**

Landing Light Kit

For all PA-20, and PA-22 (SN 1 to 2377, 2379 to 2424)
751-200.....**$952.34**
For PA-22 (SN 2378, 2425 and up)
754-052.....**$952.34**

Wing Navigation Light Bracket

FAA/PMA APPROVED

• For use with Grimes model "E" type light or equivalent

U12560-000.....**$93.12**

Radio Installation

Antenna Grommet (434-126)	AN931-3-5	**$1.07**
Magneto Filter (460-634)	A293	**$39.96**
Insulator	467-062	**$2.81**
Antenna Attach Link at Rudder	10824-000	**$6.12**
Microphone Holder	23303-000	**$1.31**

Engine

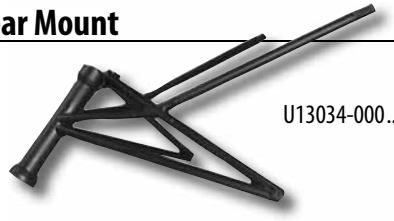
Description	Part #	Price
Firewall Grommet (434-142)	MS35489-22	**$0.96**
Oil Temperature Bulb Adapter, PA-22, SN 8000 and up	15244-000	**$40.98**
Oil Radiator Line Adapter (451-855)	3200X6	**$3.36**
Oil Line Attach Clamp	454-933	**$0.77**
Oil Breather Hose Clamp, PA-22 150-160hp	454-970	**$1.88**
Oil Radiator Attach Connector (455-158)	500X8	**$5.59**
Oil Line Elbow	458-932	**$10.61**
Air Filter (40599)	600314	**$73.25**
Oil Line Elbow (460-663)	3350X2	**$3.56**
Plug at Engine Baffle, PA-22, SN 1 to 2377, 2379 to 2424	480-932	**$2.70**
Cowl Fastener Receptacle	99947P130	**$2.96**
Oil Line Ring Seal, 135-160hp	484-654	**$2.45**
Carburetor Air Box Ball Stud, PA-22, SN 1760 and up	487-542	**$1.98**
Top Center Baffle Plate Attachment Bracket Assembly, PA-22, SN 354 and up	10175-000	**$48.56**

PIPER PA-20, PA-22

Description	Part #	Price
Spinner Back Plate (metal propeller), PA-22, SN 1 to 7	U13663-000	**$134.73**
Muffler Assembly, less shroud	U10308-003	**$1,145.25**
3-inch RH Front Baffle Hanger Support	10415-002	**$25.16**
Inner Cylinder Baffle Support, PA-22, SN 534 to 2377, 2379 to 2424	10415-003	**$28.46**
Muffler Shroud Clip	U10430-000	**$52.31**
Tailpipe Clamp, PA-22, SN 9205 and up	U10466-033	**$26.06**
Baffle Attach Rear Tie Rod, Colt	U10487-000	**$14.35**
Cabin Heater to Muffler Shroud Flex Hose, PA-22, SN 1 to 2377, 2379 to 2424	10525-005	**$24.48**
Muffler to Cabin Heat Box, Front Seat Hose, PA-22, SN 2378, 2425 and up	10525-018	**$17.20**
Exhaust Stack Lower Shroud with Rear Seat Heater, PA-22, SN 354 and up	U10764-003	**$203.26**
Exhaust Stack Upper Shroud Half with Rear Seat Heater, PA-22, SN 354 and up	U10843-003	**$241.16**
Tailpipe Support Tube with Rear Seat Heater, PA-22, SN 354 and up	U11392-003	**$89.30**
Carburetor Air Box Leather Baffle	11950-004	**$11.69**
Carburetor Air Box less filter with Rear Seat Heater, PA-22, SN 354 to 1759	11950-007	**$724.90**
Front Exhaust Stack Assembly (12043-17)	U12043-023	**$790.93**
Tailpipe Support Tube with Rear Seat Heater, PA-22, SN 354 and up	U11963-002	**$82.61**
Exhaust Stack Assembly, Rear, 125-135hp, PA-22, SN 1 to 806	U12043-022	**$984.28**
Throttle Clamp Assembly	12316-000	**$83.19**
Cold Air Intake Trim Plate	12320-000	**$6.66**
Spinner Strap, PA-22, SN 8 to 535, 8032 and up	U12330-004	**$43.50**
LH Front Baffle, 135hp	12428-004	**$240.33**
Cowl Fastener Cup (12707-000)	108-6021401-36	**$24.10**
Cowl Fastener Assembly (12723-000)	108-6021401-22	**$80.33**
Muffler Shroud Assembly	U12742-004	**$549.58**
RH Front Baffle, 125hp, PA-22, SN 1 to 533	12749-000	**$170.04**
RH Front Baffle, 135hp, PA-22	12749-005	**$168.34**
Cowl Support Rod	12809-000	**$90.84**
Oil Valve Quick Drain	U12956-004	**$150.30**
Bottom Engine Baffle, Colt	U13136-000	**$163.36**
Carburetor Air Scoop, PA-22	U13137-000	**$163.96**
Top Cowl, complete, PA-22	U13158-000	**$983.28**
RH Side Cowl, PA-22	U13158-014	**$450.30**
LH Side Cowl, PA-22	U13158-015	**$450.30**
Spinner (metal propeller), PA-22, SN 8 to 553 (13163-000)	U13661-000	**$291.79**
Exhaust Stack, Rear, with rear seat heater, PA-22, SN 354 and up	U13238-005	**$819.80**
Spinner Back Plate, Colt	U13663-000	**$134.73**
Spinner Front Plate, Colt	U13664-000	**$124.98**
Oil Radiator RH Mounting Bracket, 135-150hp PA-22, SN 534 to 3453	U13720-000	**$260.90**
PA-22, SN 3453 and up	U13720-004	**$213.27**
Air Filter, 135-160hp (13681-002)	121494	**$130.05**
Oil Radiator LH Mounting Bracket 135-150hp PA-22, SN 534 to 3453	U13725-000	**$425.76**
PA-22, SN 3454 and up	U13725-007	**$425.76**
Oil Radiator Lock Plate, 135-160hp	13726-000	**$8.24**
Oil Radiator RH Inlet Line	14366-000	**$294.13**
Breather Tube, 150hp PA-22, SN 3708 and up	U14441-000	**$136.52**
Front and Rear Baffle Tie Rod, 150-160hp PA-22, SN 2378, 2425 and up	U14513-000	**$36.71**
Oil Radiator Bracket Support Strap, PA-22, SN 2425 to 3885	14549-000	**$64.65**
Oil Radiator Line Bracket, PA-22, SN 6760, 6761, and 6763 and up	15019-000	**$32.58**
Tailpipe Support Attach Clamp for muffler shroud, with rear seat heater, PA-22, SN 354 and up	U18116-005	**$102.78**
Door Latch Kit	U52745-000	**$3.33**
Cable Swivel Fitting: Cabin Heat	U70371-000	**$35.89**
Cable Swivel Fitting: Carburetor Heat	U70371-002	**$11.09**
Exhaust Stack Clamp Assembly	U70591-002	**$25.41**
Oil Pressure Hose Assembly	U71061-000	**$105.32**
Inner Cylinder Baffle Hanger Rod	71451-003	**$40.71**
Carburetor Air Box to Carburetor Attach Gasket, PA-22, SN 1 to 2377, 2379 to 2424	73451-003	**$7.34**
Front Baffle Hanger Rod	71451-008	**$3.79**
Inner Cylinder Baffle, 135hp	74912-000	**$32.93**
Control Cable Clamp	U80032-034	**$15.49**
Baffle Attach Clamp, PA-22	80032-041	**$11.47**
Propeller Bolt Attach Washer	80122-055	**$3.95**
Breather Line Connector Hose	82371-056	**$22.39**
Fiber Attach Washer	U85012-047	**$0.61**
Control Cable Swivel Attach Fitting	U91193-000	**$15.18**

Nose Gear Mount

FAA/PMA APPROVED



U13034-000 ..... **$1,582.22**

PA-22 Spinners

FAA/PMA APPROVED

For PA-22 150-160hp

Spinner Dome	U14422-000	**$318.30**
Front Plate	U14426-000	**$128.23**
Back Plate	U14424-000	**$181.37**
Complete Assembly	U14422-A	**$544.90**

For PA-22 108hp, 125hp and 135hp, SN 534 to 7642 with Sensenich AM Series propeller

Front Plate	U13664-000	**$124.98**
Back Plate	U13663-000	**$134.73**
Spinner Dome	U13661-000	**$291.79**
Complete Assembly	U13661-A	**$496.98**

PIPER PA-20, PA-22

All-Aluminum Nose Cowls

FAA/PMA APPROVED

PA-20
- 115-125hp..... U11958-004 ..... **$1,092.42**
- 135hp ..... U13778-000 ..... **$1,269.29**

PA-22
- SN 1 to 533 ..... U11958-004 ..... **$1,092.42**
- 135, 150 and 160hp, SN 534 and up ..... U13778-000 ..... **$1,269.29**
- 108hp, SN 8000 and up ..... U15127-000 ..... **$1,092.42**

PA-22 Baffles

Front Baffle
- LH Side, SN 2378, 2425 and up ..... U14429-000 ..... **$123.39**
- RH Side, SN 2378, 2425 and up ..... U14432-000 ..... **$160.37**
- LH, SN 2378, 2425 and up ..... U14440-000 ..... **$172.89**
- RH, SN 2378, 2425 and up ..... U14439-000 ..... **$178.67**

Rear Baffle
- LH Side, SN 2378, 2425 and up ..... U14430-000 ..... **$128.55**
- RH Side, SN 2378, 2425 and up ..... U14437-000 ..... **$118.49**
- LH, SN 3886 and up ..... U14431-006 ..... **$401.87**
- RH, SN 2425 to 3885 ..... U14443-000 ..... **$350.53**
- RH, SN 3886 and up ..... U14443-005 ..... **$411.23**

Original Piper PA-22 Exhaust System Parts

FAA/PMA APPROVED

Muffler Assembly, includes shroud and clip ..... 12742-006 ..... **$1,480.58**

Muffler (pictured)
- includes U452-093 Muffler Safety Bail ..... U10308-003 ..... **$1,145.25**

Exhaust Stack
- Front, 125-160hp, SN 1 to 7999 (pictured) ..... U12043-023 ..... **$790.93**
- Rear, 125-135hp, SN 1 to 806 (pictured) ..... U12043-022 ..... **$984.28**

Exhaust Stack, Rear, SN 354 and up* ..... U13238-005 ..... **$819.80**

Tailpipe ..... U11417-004 ..... **$216.50**

Tailpipe Support Tube, SN 354 and up*
- Tailpipe to stack ..... U11392-003 ..... **$89.30**
- Tailpipe to muffler ..... U11963-002 ..... **$82.61**

Muffler Shroud ..... U12742-004 ..... **$549.58**

Shroud Clip ..... U10430-000 ..... **$52.31**

Upper Shroud, SN 354 and up* ..... U10843-003 ..... **$241.16**

Lower Shroud, SN 354 and up* ..... U10764-003 ..... **$203.26**

Clamps
- Tailpipe Support, SN 354 and up* ..... U18116-005 ..... **$102.78**
- Stack to Muffler ..... U70591-002 ..... **$25.41**
- Stack to Tailpipe, SN 1949 and up ..... U14235-000 ..... **$26.58**
- Stack to Muffler, RH, with stud, SN 1 to 353 ..... 11394-000 ..... **$30.06**

**Used with rear seat heater*

All-Metal Cowling

FAA/PMA APPROVED

PA-22 Bottom Cowl
- 125hp, SN 1 to 353 ..... U13119-000 ..... **$1,394.11**
- 125hp, SN 354 to 533 ..... U13119-003 ..... **$1,376.48**
- 135hp, SN 534 to 1759 ..... U13784-000 ..... **$1,301.52**
- 135-160hp, SN 1760 to 7642 ..... U14258-000 ..... **$1,952.95**
- 108hp, SN 8000 and up ..... U14258-005 ..... **$1,952.95**

Special Cowl for PA-22 "Taildragger" Conversion
- Tri-Pacer ..... L1041-10 ..... **$1,313.25**
- Colt ..... L1041-20 ..... **$1,243.28**

PA-20 Bottom Cowl
- 125hp ..... 13159-005 ..... **$1,155.18**
- 135hp ..... 13159-007 ..... **$969.17**

Tri-Pacer Side Cowl
- LH ..... U13158-015 ..... **$450.30**
- RH ..... U13158-014 ..... **$450.30**

Top Center Cowl ..... U13158-013 ..... **$301.28**

Flexible Oil Pressure Hose

FAA/PMA APPROVED

U71061-000 ..... **$105.32**

Engine Mount

FAA/PMA APPROVED

PA-20 Lycoming
- 115-125hp, 1950-1951
  - U11786-000 ..... **$1,215.44**
- 125-135hp, 1952-1953
  - U11786-013 ..... **$1,215.44**

PA-22 Lycoming
- 125hp, SN 1 to 353 ..... U11786-012 ..... **$1,215.44**
- 135hp, SN 354 to 3386 ..... U11786-014 ..... **$1,278.77**
- 150-160hp, SN 3387 and up, and Colt ..... U11786-015 ..... **$1,279.40**

Engine Oil Cooler

Engine Oil Cooler
- (455-168, 556-643) ..... 8000328 ..... **$539.00**

Piper Landing Light Lenses

Clear Lens
- 14" long ..... 12532-000 ..... **$53.46**
- 12.75" long ..... 12532-002 ..... **$67.65**
- 13.75" long ..... 12532-003 ..... **$67.65**

Miscellaneous

All parts listed are for both PA-20 and PA-22 unless otherwise noted.

Whelen Model 70509 Flasher

SPECIFICATIONS

Current Draw:
2.7 AMPS @ 14V
1.35 AMPS @ 28V
Weight: .27 lbs.
Wire: 20 AWG Teflon
Lamp: 35W Halogen
Filament: CC-8 (Axial)
Lens: Lexan® Polycarbonate

Whelen Engineering introduces the Model 70509 Flasher, a totally new self-contained, flashing anti-collision light assembly that is FAA TSO-C96A approved. The Model 70509 FLASHER features a rugged polycarbonate lens with internal optics (patent pending), replaceable halogen lamp and flasher assemblies. It can be installed as a replacement on 1967-1979 Cessna aircraft, on most general aviation aircraft, homebuilts, and ultralights. A separate flasher power pack is not needed because the unit is completely self-contained.

28V Flasher Assembly

Red/White	01-0770509-05	**$128.70**
White	01-0770509-04	**$128.70**
Red	01-0770509-03	**$128.70**

14V Flasher Assembly

Red/White	01-0770509-02	**$128.70**
White	01-0770509-01	**$128.70**
Red	01-0770509-00	**$128.70**

Description	Part #	Price
¼ inch Steel U Channel, 6 foot length (750-284)	X141472	**$4.65**
⅜ inch Steel U Channel, 6 foot length	U750-285	**$8.57**
Rear Spar Splice Kit	750-737	**$264.93**
Front Spar Splice Kit	750-738	**$278.13**
Landing Light Kit, PA-20 and PA-22, SN 1 to 2424, except 2378	751-200	**$952.34**
Landing Gear Nut and Bolt Kit, PA-22	752-214	**$101.44**
Window Ventilator Kit	U752-287	**$165.94**
Landing Light Kit, PA-22, SN 2378, 2425 and up	754-052	**$952.34**
Fabric Modification Kit (complies with AD 74-17-04)	754-404	**$99.62**
Rib Repair Cap Strip	U16651-004	**$8.58**

If you don't find the part you need, be sure to give us a call. We are here to help you with all of your classic aircraft needs!

PA-20 to PA-22 Conversions

See the **STCs, Conversions and Modifications** section beginning on page 120.

Piper PA-25 Pawnee Index

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Wings	117
Tail Surfaces	118
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Windshields	119
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Propellers	See Section 15, page 291
Batteries	See Section 16, page 254
Wheels	See Section 18, page 344

Many parts can be correctly identified by the nomenclature listed in this section. However, we suggest that you also have the correct parts manual for positive identification.

Manuals

Use your PA-25 Series Parts Manual with this catalog to assist you in ordering parts from Univair.

PA-25 Series Parts Manual ..... 25PM **$38.07**
PA Series Service Bulletin and Letter ..... PBLPA **$60.25**

Control Surfaces

FAA/PMA APPROVED

• *All surfaces are uncovered*

Description	Part #	Price
Aileron, LH	U42585-000	**$1,093.07**
Aileron, RH	U42585-001	**$1,093.07**
Elevator, 150hp only, LH or RH	U12649-000	**$623.72**
Stabilizer, 150hp only, LH or RH	U12647-000	**$570.44**
Stabilizer, 235-260hp (PMA Approved)	U64274-000	**$1,158.89**
Elevator, 235-260hp (PMA Approved)	U64275-000	**$981.58**
Flap, LH (PMA Approved)	U61129-000	**$1,453.04**
Flap, RH (PMA Approved)	U61129-001	**$1,453.03**
Spar – Flap	U61277-000	**$18.82**

Engine

Pawnee Exhaust System Parts

• *For Pawnee 150hp*

Rear Exhaust Stack	U12043-022	**$984.28**
Front Exhaust Stack	U12043-023	**$790.93**
Tail Pipe, SN 656 and up	61764-003	**$387.50**
Muffler, SN 722 and up	U10308-003	**$1,145.25**

Nose Cowl

FAA/PMA APPROVED

• *For Pawnee 150hp*

Nose Cowl ..... U13778-000 ..... **$1,269.29**

Engine Mounts

FAA/PMA APPROVED

150hp	U11786-013	**$1,215.44**
235-260hp	L64030-000	**$1,732.98**

Spinner Assemblies

150hp Spinner Assembly • FAA/PMA Approved

Spinner Dome	U14422-000	**$318.30**
Front Plate	U14426-000	**$128.23**
Back Plate	U14424-000	**$181.37**
Complete Assembly	U14422-A	**$544.90**

235hp Spinner Components

• *Assembly for fixed-pitch propellers, serial numbers 2986 to 3691*

Dome Only	U14422-000	**$318.30**
Back Plate	U14424-005	**$172.99**
Front Plate	U14426-004	**$142.29**
Complete Assembly	U14422-B	**$582.13**

Spinner Components for 235hp with FA8452 McCauley Propeller

We recommend that both front and back plates be replaced at the same time. Our plates have a slight rotation of prop bolt holes to eliminate dome-propeller contact, thus decreasing plate and dome stress.

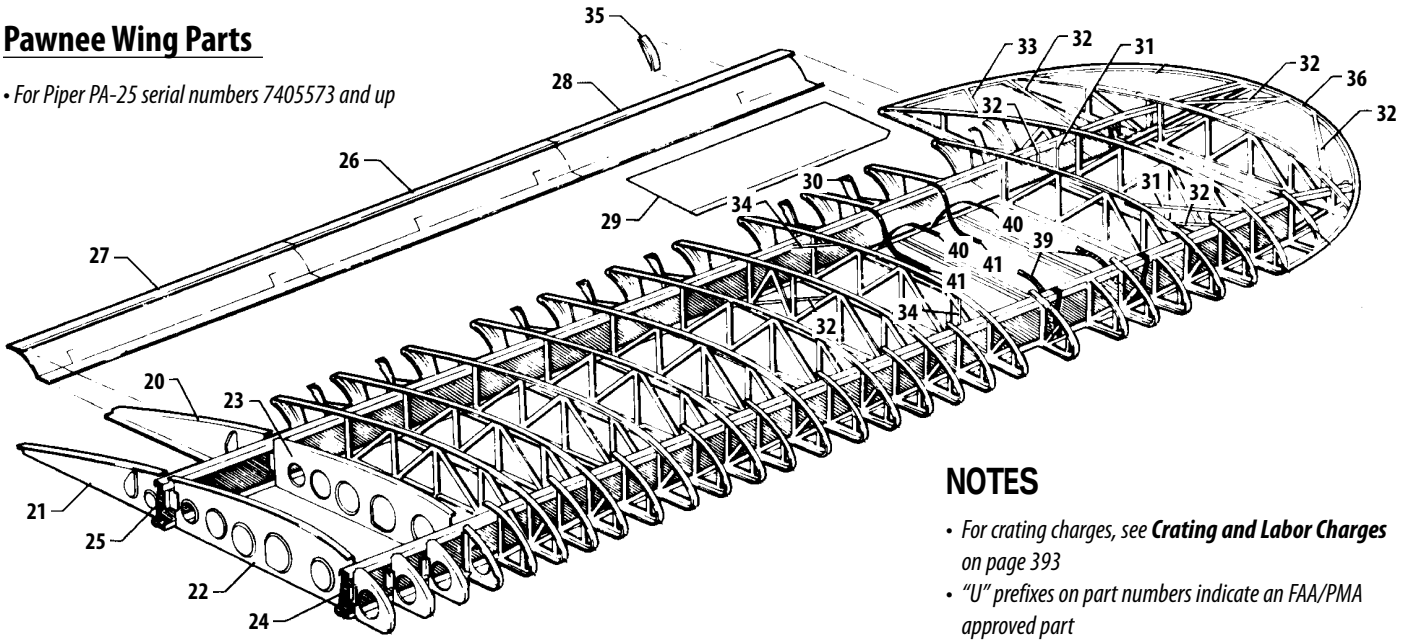
Dome only	U64336-000	**$409.87**
Back Plate	U64310-000	**$221.21**
Front Plate	U64309-000	**$177.40**

Toll Free Sales: 1-888-433-5433
Order online at www.univair.com

Wings

Pawnee Wing Parts

• For Piper PA-25 serial numbers 7405573 and up



NOTES

- *For crating charges, see **Crating and Labor Charges** on page 393*
- *"U" prefixes on part numbers indicate an FAA/PMA approved part*
- *When ordering, always specify part number, description, and aircraft serial number*

Fig #	Description	# Required	Part #	Price
20	Rib, Trailing Edge, LH	1	U61210-003	**$124.67**
	Rib, Trailing Edge, RH	1	U61210-002	**$124.67**
21	Rib, Trailing Edge, LH	1	U61210-000	**$80.88**
	Rib, Trailing Edge, RH	1	U61210-001	**$80.88**
22	Rib, Outboard, LH	1	U61211-006	**$153.46**
	Rib, Outboard, RH	1	U61211-007	**$147.55**
23	Rib, Center, LH	1	U61211-007	**$147.55**
	Rib, Center, RH	1	U61211-006	**$153.46**
24	Spar Assembly, Front, LH	1	U64055-006	**$1,123.91**
	Spar Assembly, Front, RH	1	U64055-007	**$1,123.91**
25	Spar Assembly, Rear, LH	1	U64056-002	**$1,065.92**
	Spar Assembly, Rear, RH	1	U64056-003	**$1,065.92**
26	Spar, False, LH	1	U64292-000	**$403.41**
	Spar, False, RH	1	U64292-001	**$403.41**
27	Spar Assembly, Inboard False, LH	1	U61322-000	**$276.73**
	Spar Assembly, Inboard False, RH	1	U61322-001	**$276.73**
28	Spar Assembly, Outboard False, LH	1	U15572-002	**$37.86**
	Spar Assembly, Outboard False, RH	1	U15572-003	**$37.86**
29	Spar Assembly, Wing, False	1	60333-000	**$111.09**
30	Brace, False Spar	7	U14541-000	**$30.43**
	Brace, False Spar, Station 129	1	64258-000	**$13.17**
31	Brace, Channel	2	U12252-002	**$9.54**
32	Brace, Channel	9	U12252-003	**$10.61**
33	Brace, Channel	1	U12252-005	**$9.54**
34	Brace, Channel	2	U12252-006	**$10.35**
35	Gusset, False Spar	1	U13171-000	**$22.88**
36	Tip Bow, Wing	1	U453-126	**$33.88**
39	Strap Assembly, Fuel Tank, Front	2	U10648-003	**$38.15**
40	Strap Assembly, Fuel Tank, Rear	2	U10649-003	**$57.97**
41	Strap Assembly, Fuel Tank	2	U10650-002	**$48.12**

Leading Edges

FAA/PMA APPROVED

Inboard
- #1, LH ..... U60015-000 ..... **$125.15**
- #1, RH ..... U60015-001 ..... **$125.15**
- #2, LH ..... U61297-000 ..... **$130.83**
- #2, RH ..... U61297-001 ..... **$130.83**

Center
- #3, LH ..... U61296-000 ..... **$195.85**
- #3, RH ..... U61296-001 ..... **$195.85**

Outboard
- #4, SN 1 to 7405572, LH and RH ..... U13072-006 ..... **$72.29**
- #4, SN 7405573 and up, 235-260hp, LH and RH ..... U13072-007 ..... **$53.50**
- #5, SN 7405573 and up, 235-260hp, LH ..... U60329-000 ..... **$133.70**
- #5, SN 7405573 and up, 235-260hp, RH ..... U60329-001 ..... **$133.70**

Tip Cover
- LH ..... U15723-000 ..... **$185.77**
- RH ..... U15723-001 ..... **$185.77**

Spars

FAA/PMA APPROVED

For 150hp Pawnee
- Left Front Spar ..... 61156-002 ..... **$896.01**
- Right Front Spar ..... U61156-003 ..... **$896.01**
- Left Rear Spar ..... U61157-002 ..... **$673.64**
- Right Rear Spar ..... U61157-003 ..... **$673.64**

For 235-260hp Pawnee
- Left Front Spar ..... U64055-006 ..... **$1,123.91**
- Right Front Spar ..... U64055-007 ..... **$1,123.91**
- Left Rear Spar ..... U64056-002 ..... **$1,065.92**
- Right Rear Spar ..... U64056-003 ..... **$1,065.92**

Wing Navigation Light Bracket

• For use with Grimes model "E" type light or equivalent

Light Bracket ..... U12560-000 ..... **$93.12**

Pawnee Lift Struts

FAA/PMA APPROVED

• End repetitive AD inspections!
• Oiled and sealed to comply with AD 93-10-06

- Lift Struts, 235-260hp ..... L64038-002 ..... **$3,360.90**
- Lift Struts, 150hp ..... U61046-000 ..... **$3,702.79**

Shop our full line of aircraft parts online at www.univair.com

Wooden Wingtip Bow

Wingtip Bow
- U453-126 ..... **$33.88**

Piper Rib Repair Sections

• Applicable to Piper truss type ribs

1) Rib Cap Repair Splice Strip • FAA/PMA (1 foot section) ..... U16651-004 ..... **$8.58**
2) Diagonal Brace Repair Section (18 inches long) ..... U750-287 ..... **$10.64**

Aluminum Bearing Block Repair Kit

STC APPROVED

Simple repair for most all fabric-covered Piper. Allows repair of bearing block on flap and aileron hinge, and avoids need to replace bearing blocks. Simple and practical repair. Basic kit includes 4 bushings, reamer, adhesive, and 2 new clevis pins.

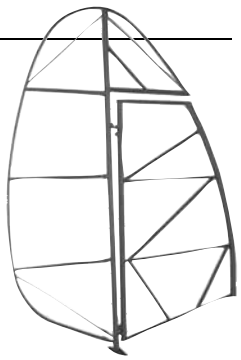
• STC approved for use on Piper J-3, J-4, PA-11, PA-12, PA-14, PA-15, PA-16, PA-17, PA-18, PA-20, PA-22, and PA-25
• Provide aircraft model, registration numbers, and serial number when ordering

Piper Bearing Block Repair Kit ..... STC-SA02128LA **$197.50**

Tail Surfaces

Elevator and Stabilizer

FAA/PMA APPROVED



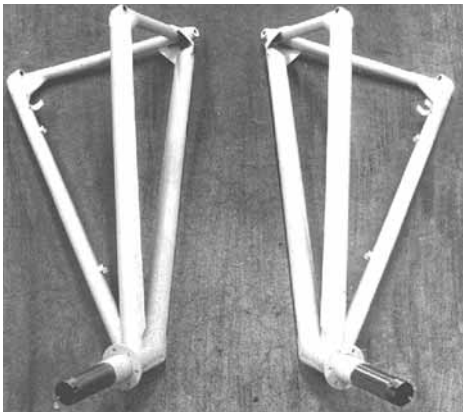
Elevator
- 150hp ..... U12649-000 ..... **$623.72**
- 235-260hp ..... U64275-000 ..... **$981.58**

Stabilizer
- 150hp ..... U12647-000 ..... **$570.44**
- 235-260hp ..... U64274-000 ..... **$1,158.89**

Landing Gear

Landing Gear

FAA/PMA APPROVED



Pawnee 235-260hp Landing Gear
- LH ..... L60277-002 ..... **$2,071.37**
- RH ..... L60277-003 ..... **$2,071.37**

Hydrasorbs

FAA/PMA APPROVED

These parts are originally used on PA-25 Pawnee 235-260hp with serial numbers 2772 to 4171 and 7405573 and up.

1) Top Fitting ..... U64026-006 ..... **$414.21**
2) Hydrasorb ..... U486-604-1 ..... **$769.94**
3) Bottom Fitting ..... U64029-000 ..... **$211.75**
4) Shock Cord ..... U31322-005 ..... **$24.03**
5) Hydrasorb Assembly (1280 HD) ..... U64052-003 ..... **$1,491.66**

Tailwheel Spring Sets

FAA/PMA APPROVED

Pawnee 4-leaf, 1-hole Set ..... PA25TWS1 ..... **$217.62**
Pawnee 150hp Set ..... PA18TWS4L **$152.25**
Pawnee 4-leaf, 2-hole Set
- SN 4387 to 4921 ..... PA25TWS2 ..... **$221.07**
- SN 4922 and up ..... PA25TWS2-1 ..... **$222.85**

3-leaf, 1-hole ..... PA25TWS1-3L **$160.20**

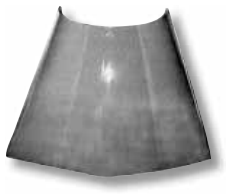
Bushwheel Tailwheel

FAA/PMA APPROVED

• For Pawnee 235-260hp, serial numbers 4387 and up (2 hole type)

Pawnee Tailwheel
- ABI-3200-3 ..... **$1,105.00**

Windshields



For serial numbers 1 to 655
- Clear ..... 61312-000 ..... **$169.29**
- Green Tint ..... 61312-000G **$202.70**

For serial numbers 656 and up
- Clear ..... 61802-003 ..... **$169.29**
- Green Tint ..... 61802-003G **$202.70**

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Shipped same day*

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PA-22 to PA-20 Conversion

PA-22 "Taildragger" Landing Gear Conversion

Univair holds STC SA45RM for the conversion of the PA-22 to conventional landing gear configuration. Our kits and parts have become popular items for the general aviation enthusiast and aircraft restorer.

The conversion is not a difficult project. The basic steps involved in making the conversion are as follows: New forward gear fittings are welded on the first station aft of the firewall. The new gears are used for fitting alignment. The new Taildragger gear rear leg utilizes the original forward PA-22 frame fittings and the main leg of the Taildragger gear uses the newly installed fittings. The hydrasorb attachments remain the same. "U" channels and fabric reworking are required on the belly to accommodate the gears being moved forward. A bracket is welded on the tailpost for the tailwheel assembly. New rudder pedals and toe brakes need to be installed. Rudder control cables need some reworking. The bottom cowl needs to be modified or replaced with a PA-20 type cowl which Univair can provide.

This is a generalization of what is required, and is covered in detail in our instruction sheets and supplied blueprints.

Landing Gear Conversion Kits

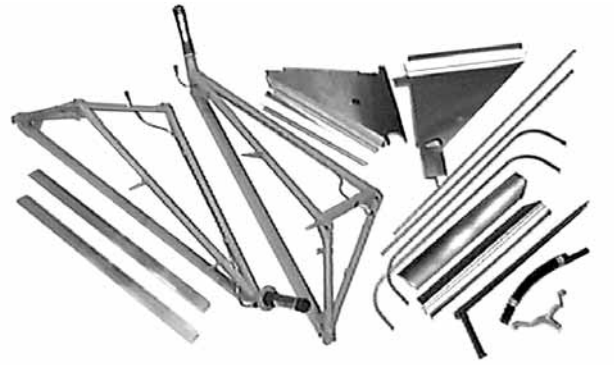
2200 Series Kits contain materials required for converting a Piper PA-22-108, 135, 150 or 160hp aircraft to the Taildragger configuration.

The 2200 Series Conversion Kits provide you with a choice of wheels and brakes. You can use the L1012-40 and -41 landing gears which allow you to use your present PA-22 wheels and brakes, or the heavy duty Cleveland wheels and brakes are also available. You have a choice of two pneumatic tailwheels. Solid rubber tailwheels are also available on special request.

A popular kit with most aircraft owners has been our L2200-01 (PA-22 wheels and brakes) equipped with options L4 and L7 (dual brakes and the Scott tailwheel).

The Basic Conversion Kit includes FAA/PMA approved conventional "wide gears," which are fabricated from AISI 4130N tubular steel and welded in our precision jigs. Pre-cut frame panels fabricated from 2024 T3 and 5052 H34 aluminum alloy are also included. Various types of nuts and bolts required for installation are included.

All L2200 Series Landing Gear Conversion Kits include STC SA45RM Approval, blueprints and instructions.



Basic Conversion Kit ..... L2200-01 ..... **$3,464.87**
Includes L1012-40/-41 conventional landing gears (to accommodate the original PA-22 wheels and brakes), STC approval, front gear and tail fittings, tailwheel spring and clamps, aluminum form channels, metal reinforcements, rear frame hand hold, rudder fork, installation instructions, left/right gear inner pans, left/right gear outer fairings, AN hardware kit, PA-20 entry step, forming "U" channels, and springs for rudder tension.

Kit for Heavy Duty Cleveland Wheels and Brakes ..... L2200-03 ..... **$3,464.87**
*Same as **Basic Conversion Kit** except for use with Cleveland wheels and dual piston brakes. Includes required axle spacers. Does not include wheels or brakes.*

Kit for Heavy Duty Cleveland Wheels and Brakes ..... L2200-03A **$5,395.04**
*Same as kit **L2200-03**, including Cleveland wheels and disc brakes (199-231KIT – usable only with 600 x 6 and 700 x 6 tires).*

Cleveland Heavy Duty Wheel and Brake Conversion Kit

This kit consists of two each 30-41B Brake Assemblies and 40-84 Wheel Assemblies currently approved under STC-SA45RM. There is a dual piston brake assembly to provide superior performance for the Taildragger Conversion.

Heavy Duty Conversion Kit (requires STC installation) .... 199-23100 ..... **$1,998.91**

Additional spacers required (priced and sold individually):
IB Axle Spacers (2 required) ..... U1105-06 ..... **$16.25**
OB Axle Spacers (2 required) ..... U1105-09 ..... **$16.25**

PA-22 Taildragger Conversion

FAA/PMA APPROVED

Landing Gear Conversion Kit Options
These kits do not include rudder cables. When ordering, please specify serial number of PA-22 being converted.

LOPT-L2 ..... **$1,655.90**
Left side only complete brake system with Cleveland 10-54 slave cylinders, using firewall brake fluid reservoir. This kit **cannot** be converted to a dual brake system. If you desire a dual braking system, Univair highly recommends you purchase the LOPT-L4 kit (for installation in SA45RM conversion only).

LOPT-L4 Dual Brake Controls **$2,391.90**
Shown in picture above. Complete brake system with Cleveland 10-54 slave cylinders and firewall brake fluid reservoir for dual brake controls. For installation in SA45RM conversion only.

LOPT-L7 ..... **$1,218.39**
Bushwheel 8 inch pneumatic tailwheel, with 1¼ inch to 1¾ inch spring adapter, and steering spring kit.

Landing Gear Conversion Information Packet

This kit is intended for individuals considering the PA-22 to Taildragger conversion. The information packet includes installation instructions and blueprints. STC approval, Supplemental Flight Manual, and Weight and Balance forms are excluded. These will be included when the L2200 Series Landing Gear Conversion Kit is purchased. The price of the STC-SA45RM information packet will be applied to the purchase of an L2200 Series Landing Gear Conversion Kit, but will not be refunded.

STC-SA45RM **$393.42**

Landing Gear to Frame Fairing Kit

Kit ..... U1120-00 ..... **$137.17**

Landing Gear Conversion Kit for ABI 3200 Tailwheel

FAA/PMA APPROVED

Kit for ABI 3200 series 8 inch pneumatic tailwheel, with 1¼ inch to 1¾ inch spring adapter and steering spring kit.

ABI 3200 Tailwheel Kit ..... LOPT-L7 ..... **$1,218.39**

PA-20 Style Bottom Cowl

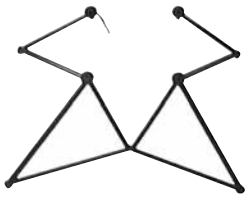
• Eliminate that old "22" bottom scoop!

Tri-Pacer ..... L1041-10 ..... **$1,313.25**
Colt ..... L1041-20 ..... **$1,243.28**
(For converted Tri-Pacer only)

Conical Engine Mount

• Required only if original mount is not serviceable

Engine Mount ..... U11786-013..... **$1,215.44**



180hp Lycoming Engine Conversion

FAA/PMA APPROVED

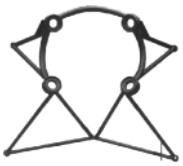
• For PA-22 Taildragger modified aircraft
• Kits, STC, and individual parts can be found on next page

Univair holds STC-SA181RM to cover the installation of the Lycoming O-360-A4A engine with the Sensenich 76EM8-60 propeller in the SA45RM Taildragger conversion. It is important to note that this STC approval is only valid on those PA-22 aircraft that have been converted to the conventional landing gear configuration as approved by STC-SA45RM. This modification does not require any structural change in the airframe. It has been approved for the Dynafocal mount for smoother operation. We do require that our manufactured engine mount be purchased to obtain the STC. The nose, top, and side cowls are reused. We supply a template for bottom cowl modification. All parts are available and can be purchased separately, or as a kit. For simplicity, the parts are grouped and priced in three categories. They are listed as Kit #1, Kit #2, and Kit #3. Kit #1 has most of the parts directly related to the engine. Kit #2 has the fuel system, and Kit #3 contains the alternator and related parts. The STC, Engine Mount, and Exhaust System may be purchased individually.

Take off and climb performance is greatly increased by installing the 180 horsepower engine. Soft field and short field performance is noticeably improved, as well as operations at airports at higher elevations. Increases in cruise and top speeds are also noted. Considerable testing on the prototype conversion was carried out in Leadville, Colorado, with an elevation of 9,927 feet. The modification was thoroughly tested by the FAA including cylinder head cooling, oil temperature cooling, heat rise for the carburetor, and noise emissions tests. The climb and speed tests, which included a dive at over 200 mph, were all performed at gross weight. The aircraft was spun fifteen times under different conditions of balance and weight distribution. If you would like more information on this subject, contact Univair for a free brochure.

STC not approved for seaplane use.

PA-22 "Taildragger" Landing Gear Conversion Dynafocal Engine Mount



• *For use with 0-360 Engine and STC-SA181RM only*
Dynafocal Engine Mount..... L1056-00..... **$1,848.75**

• *Includes all blueprints, instructions, and mount*
Mount and STC Papers .... STC-SA181RM..... **$2,565.72**

1 **Kit #1 – Engine Build-up Parts ..... 0-360-KIT-1.... $3,233.39**
Purchased as a package – excludes STC paperwork, mount and exhaust system. This kit contains the following:

Description	# Required	Part #	Price
Oil Cooler Bracket, LH	1	L1066-01	**$195.91**
Oil Cooler Bracket, RH	1	L1066-02	**$165.87**
Oil Cooler Line, LH/RH	2*	L1064-08	**$223.94**
Oil Cooler Fittings, 45° elbows	2*	C5355X8X8	**$8.72**
Oil Cooler Fitting, 45°	1	C3359X8	**$5.63**
Carburetor Air Box, Modification Kit**	1	L1057-00	**$481.90**
Throttle Clamp Assembly	1	L1072-03	**$80.67**
Mixture Control Assembly	1	A800-10-0480	**$84.92**
Bonding Strap	1	L1063-06	**$22.21**
Heater Inlet Flange	1	L1071-01	**$128.18**
"Y" Assembly (Heater)	1	L1071-02	**$395.61**
Engine Mount Hardware Set (engine to mount/mount to firewall)	1	0-360-HD1	**$62.94**
Lord Mounts	4*	J7402-24	**$143.50**
Tachometer Cable	1	U1713-R250	**$92.61**
Starter Extension Cable	1	L1063-03	**$45.57**
Flexible Heater Hose, 2 inch	3 feet	SCAT8	**$9.94/ft**
Flexible Heater Hose, 3 inch	3 feet	SCAT12	**$13.77/ft**

**Priced and sold individually*

Carburetor Air Box, Complete ..... 1 ..... L1057-A ... **$1,160.07**
• *Used in lieu of modifying the original air box*

2 **Kit #2 – Fuel Lines and Accessories ..... 0-360-KIT-2.... $1,560.89**
This kit contains the following:

Description	# Required	Part #	Price
Fuel Pump (electric)	1	480-532	**$125.39**
Combination Fuel and Manifold Pressure Gauge (calibrated)	1	LTN55001A	**$412.50**
Fuel Line	1	L1064-01	**$109.10**
Fuel Line	1	L1064-02	**$212.46**
Fuel Line	1	L1064-03	**$223.94**
Fuel Line	1	L1064-04	**$199.04**
Fuel Line	1	L1064-05	**$149.29**
Fuel Line and Manifold Pressure Lines	2*	L1064-06	**$109.10**
Fuel Line – Selector to Bulkhead	1	L1072-01	**$173.56**
Carburetor Adapter Assembly	1	L1072-02	**$79.35**
Hardware and Fittings Set	1	0-360-HD2	**$304.34**
Lycoming Kit	1	54E23073	**$930.36**

**Priced and sold individually*

3 **Kit #3 – Alcor Alternator Kit ..... 0-360-KIT-3.... $1,968.08**
This kit contains the following:

Description	# Required	Part #	Price
Alternator (LA-152A)	1	015-01237	**$487.50**
Voltage Regulator (LA-153D)	1	625-61623	**CALL**
Over Voltage Relay	1	LOVR-12B	**$250.00**
Mounting Bar Assembly	1	L1063-01	**$171.47**
Spike Guard Assembly	1	LA-178	**$125.00**
Capacitor	1	LA-177-1	**$23.90**
Resistor	1	LA-152-A1	**$12.97**
60-Amp Circuit Breaker	1	LA-154	**$42.00**
Alternator Adjustment Arm	1	L1063-02	**$117.84**
Alternator Belt	1	L41320	**$8.00**
5-Amp Circuit Breaker	1	PSM-5	**$42.75**
SPST Toggle Switch	2*	MS35058-21	**$23.94**

**Priced and sold individually*
Kit #3 also contains other miscellaneous hardware items

Univair One-Piece Wing Ribs

Univair One-Piece Stamped Aluminum Ribs FAA/STC Approved for Metal Spar Wing Pipers!

• *Univair wing ribs are not approved on wood spars*

In response to the decreasing availability and increasing cost of many of the original Piper ribs, Univair has spent considerable time and expense to develop high quality replacement aluminum ribs for the metal spar Pipers.

Univair ribs are formed out of one piece of .032 5052-H34 aluminum, thus eliminating the many individual braces and cap strips, and the multitude of rivets found in the Piper ribs. This one-piece construction provides a stronger, more durable and less expensive rib. Due to the nature of our rib construction, pop rivets may be used for fabric attachment. Pop rivets provide for a stronger and faster means of fabric attachment. Conventional rib stitching or Martin wire may also be used.

As one can see from our rib application lists on the following pages, we have designed a replacement rib for many of the corresponding Piper ribs. Univair ribs are designed to be direct replacements and may be used in conjunction with the original Piper ribs. When required, Univair ribs will include the necessary cable fairlead holes, gas tank cover flanges, etc. as needed for a proper installation. This means that the butt ribs are designed as butt ribs, not as generic full ribs requiring modification. Flap bay ribs are designed differently from aileron bay ribs, and so on. Our ribs are also approved to be separated into three pieces and reassembled to replace a damaged rib at any station along the wing, thus eliminating the need to take the ribs off of the spars to reach the damaged rib.

Doubler

When ribs are separated into 3 pieces, a fourth doubler is required to reinforce the spar hole opening.

Doubler for LH Flanged Ribs ..... U1303-01 ..... **$6.91**
Doubler for RH Flanged Ribs ..... U1303-02 ..... **$6.57**
Fabric Pop Rivet (⅛ inch diameter, ¼ inch long) ..... AD42BSLF **$0.08**

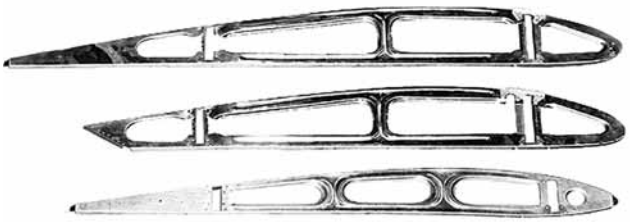
Note: Approximately 550 rivets per 16 rib wing, 34 rivets per rib.

Approved Repair and Alternate Installation Procedure

Although it is desirable to install new ribs intact, the following procedure may be used to install new ribs when it is unnecessary to disassemble the remainder of the wing.

When installing a Univair rib in sections, the entire Piper rib must be replaced by a Univair rib. Splicing a section of a Univair rib into a Piper rib is not permitted.

1. Drill out rivets through angles and doublers as required to permit cutting of rib.
2. Cut through rib flange and web so that cut extends vertically from the center of the spar notches. Remove the damaged section.
3. Deburr cut areas as required.
4. Reassemble rib using new section(s) as required. Reattach doublers using AN470AD4 rivets in the original holes. If desired, rivets may be replaced by #6 or #8 steel machine screws and AN365 stop nuts.
5. Since Univair stamped replacement ribs do not have a doubler at the upper rear spar notch, one must be installed if the flange and web are cut at this point. Install doubler with the doubler flange and rib flange facing the same direction. Using existing holes as a guide, drill holes through doubler and install rivets or screws as per step #4.



NOTE

*For proper replacement rib selection, refer to our **Rib Application Lists** below. There are a few cases where a given Piper rib has more than one corresponding Univair replacement rib.*

Application Lists for Univair Wing Ribs

J-3

Piper #	Univair #	Description	# Per Wing	Price
10742-002	U1202-00	Tip Rib, LH #13	1	**$126.99**
10742-003	U1202-01	Tip Rib, RH #13	1	**$121.89**
12662-002	U1200-02	Nose Rib	10	**$21.82**
12902-000	U1206-00	Outboard Aileron Bay Rib, LH #12	1	**$142.29**
12902-001	U1206-01	Outboard Aileron Bay Rib, RH #12	1	**$124.33**
13022-002	U1207-00	¾ Rib, #10 and #11	2	**$91.29**
13022-002	U1207-02	¾ Rib, LH or RH #7	1	**$93.12**
13022-002	U1207-03	¾ Rib, LH or RH #8	1	**$78.56**
13022-005	U1223-01	¾ Rib, LH or RH #6	1	**$85.09**
13022-006	U1208-00	¾ Rib, #9 at strut point	1	**$126.74**
13042-000	U1228-00	Inboard Aileron Bay Rib, LH #5	1	**$104.01**
13042-001	U1228-01	Inboard Aileron Bay Rib, RH #5	1	**$104.01**
13052-002	U1227-04	Full Rib, LH or RH #2	1	**$111.44**
13052-002	U1228-04	Full Rib, #3 and #4	2	**$113.92**
13052-004	U1227-00	Butt Rib, LH #1	1	**$95.64**
13052-004	U1227-01	Butt Rib, RH #1	1	**$113.92**
15712-000	U1200-05	Nose Rib at strut point	1	**$30.69**
16192-000	U1216-00	Tip Nose Rib, LH	1	**$23.49**
16192-001	U1216-01	Tip Nose Rib, RH	1	**$35.01**

PA-11

Piper #	Univair #	Description	# Per Wing	Price
10634-000	U1219-00	Butt Rib, LH #1	1	**$148.26**
10634-008	U1219-01	Butt Rib, RH #1, w/RH tank	1	**$148.26**
10635-000	U1224-00	Tank Rib, LH #2	1	**$80.92**
10653-000	U1221-01	Full Rib, LH #3	1	**$109.65**
10653-006	U1221-00	Full Rib, RH #3, w/RH tank	1	**$109.65**
10742-002	U1202-00	Tip Rib, LH #13	1	**$126.99**
10742-003	U1202-01	Tip Rib, RH #13	1	**$121.89**
10907-000	U1217-00	Full Rib, RH #3	1	**$106.23**
10908-000	U1217-01	Butt Rib, RH #1	1	**$92.92**
12662-002	U1200-02	Nose Rib	8-L, 10-R	**$21.82**
12662-004	U1200-08	Nose Rib at Tank Bay	2	**$23.88**
12902-000	U1206-00	Outboard Aileron Bay Rib, LH #12	1	**$142.29**
12902-001	U1206-01	Outboard Aileron Bay Rib, RH #12	1	**$124.33**
13022-002	U1207-00	¾ Rib, #7, #8, #10 and #11	4	**$91.29**
13022-005	U1209-00	¾ Rib, LH or RH #6	1	**$118.87**
13022-006	U1208-00	¾ Rib, #9 at strut point		**$126.74**
13042-000	U1222-00	Inboard Aileron Bay Rib, LH #5	1	**$116.54**
13042-001	U1222-01	Inboard Aileron Bay Rib, RH #5	1	**$116.54**
13052-002	U1220-02	Full Rib, R #2, L/R #4	1-L, 2-R	**$132.13**
15712-000	U1200-05	Nose Rib at strut point	1	**$30.69**
16192-000	U1216-00	Tip Nose Rib, LH	1	**$23.49**
16192-001	U1216-01	Tip Nose Rib, RH	1	**$35.01**

PIPER STCs, CONVERSIONS AND MODIFICATIONS

J-5C, PA-12

Piper #	Univair #	Description	# Per Wing	Price
10108-002	U1235-02	Full Rib, LH #4	1	**$98.28**
10108-003	U1235-03	Full Rib, RH #4	1	**$98.28**
10109-000	U1236-00	Full Rib, LH or RH #5	1	**$101.49**
10119-000	U1234-00	Tank Bay Rib, L/R #2 and #3	2	**$99.45**
10227-002	U1235-00	Butt Rib, LH #1	1	**$186.75**
10227-003	U1235-01	Butt Rib, RH #1	1	**$142.29**
10642-005	U1236-01	Full Rib, LH or RH #6	1	**$112.32**
10692-004	U1236-02	Inboard Aileron Bay Rib, LH #7	1	**$105.87**
10692-005	U1236-03	Inboard Aileron Bay Rib, RH #7	1	**$111.69**
10702-004	U1236-04	Outboard Aileron Bay Rib, LH #15	1	**$124.70**
10702-005	U1236-05	Outboard Aileron Bay Rib, RH #15	1	**$105.87**
10712-003	U1237-06	¾ Rib, LH or RH #14	1	**$98.18**
10722-003	U1237-02	¾ Rib, LH or RH #11	1	**$119.25**
10732-004	U1237-00	¾ Rib, LH or RH #9	1	**$145.14**
10732-005	U1237-01	¾ Rib, #8, #10, #12 and #13	4	**$145.14**
10742-000	U1203-00	Tip Rib, LH #16	1	**$96.39**
10742-001	U1203-01	Tip Rib, RH #16	1	**$84.08**

Caution: If fabric is rib stitched to Univair stamped ribs, DO NOT use pre-drilled pop rivet holes. Pass rib stitch cord around the outside surfaces of the rib just like on the original truss type Piper ribs.

PA-14

Piper #	Univair #	Description	# Per Wing	Price
10702-004	U1236-04	Outboard Aileron Bay Rib, LH #15	1	**$124.70**
10702-005	U1236-05	Outboard Aileron Bay Rib, RH #15	1	**$105.87**
10712-003	U1237-06	¾ Rib, LH or RH, #14	1	**$98.18**
10722-003	U1237-02	¾ Rib, LH or RH, #11	1	**$119.25**
10732-005	U1237-03	¾ Rib, #8, #10, #12 and #13	4	**$91.29**
10732-006	U1237-04	¾ Rib, LH or RH, #7 and #9	2	**$97.25**
10732-007	U1237-05	¾ Rib, LH or RH, #6	1	**$76.64**
10732-008	U1237-03	¾ Rib, LH or RH, #5	1	**$91.29**
10742-000	U1203-00	Tip Rib, LH #16	1	**$96.39**
10742-001	U1203-01	Tip Rib, RH #16	1	**$84.08**
11687-000	U1238-00	Butt Rib, LH #1	1	**$103.85**
11687-002	U1238-01	Butt Rib, RH #1	1	**$103.85**
11688-000	U1234-01	Tank Bay Rib, LH or RH, #2	1	**$105.61**
11688-002	U1234-02	Tank Bay Rib, LH or RH, #3	1	**$85.09**
11689-002	U1238-02	¾ Rib, LH #4	1	**$76.64**
11689-003	U1238-03	¾ Rib, RH #4	1	**$86.18**

PA-15 and PA-17

Piper #	Univair #	Description	# Per Wing	Price
10742-002	U1202-00	Tip Rib, LH #11	1	**$126.99**
10742-003	U1202-01	Tip Rib, RH #11	1	**$121.89**
12662-002	U1200-02	Nose Rib	6	**$21.82**
12902-000	U1206-00	Outboard Aileron Bay Rib, LH #10	1	**$142.29**
12902-001	U1206-01	Outboard Aileron Bay Rib, RH #10	1	**$124.33**
13022-002	U1207-00	¾ Rib, #5, #6, #8 and #9	4	**$91.29**
13022-006	U1208-00	¾ Rib, LH or RH, #7	1	**$126.74**
13022-007	U1233-00	¾ Rib, LH or RH, #4	1	**$76.64**
13042-000	U1228-02	Inboard Aileron Bay Rib, LH #3	1	**$104.01**
13042-001	U1228-03	Inboard Aileron Bay Rib, RH #3	1	**$104.01**
13052-002	U1228-05	Full Rib, LH or RH, #2	1	**$95.64**
13052-005	U1227-02	Butt Rib, LH #1	1	**$103.85**
13052-005	U1227-03	Butt Rib, RH #1	1	**$103.85**
15712-000	U1200-05	Nose Rib at strut point	1	**$30.69**
16192-000	U1216-00	Tip Nose Rib, LH	1	**$23.49**
16192-001	U1216-01	Tip Nose Rib, RH	1	**$35.01**

NOTES KEY

NOTE A *For serial numbers 1 to 3770, 3772 to 3780*

NOTE B *For serial numbers 3771, 3781 and up*

NOTE C *Without RH tank: 10 Ribs – RH Wing, 8 Ribs – LH Wing. With RH tank: 8 Ribs – RH Wing, 8 Ribs – LH Wing*

NOTE D *Only with tank: 2 Ribs – RH Wing, 2 Ribs – LH Wing*

NOTE E *Indicates Univair ribs FAA/PMA approved separately from these STC'd ribs*

NOTE F *Indicates Piper stamped aluminum ribs that may replace original built-up Piper ribs*

NOTE G *Univair equivalent is not available at this time.*

PA-16

Piper #	Univair #	Description	# Per Wing	Price
10634-002	U1229-00	Butt Rib, LH #1	1	**$129.53**
10635-000	U1224-00	Tank Bay Rib, LH #2	1	**$80.92**
10742-002	U1202-00	Tip Rib, LH #12	1	**$126.99**
10742-003	U1202-01	Tip Rib, RH #11	1	**$121.89**
11750-000	U1232-00	Inboard Aileron Bay Rib, LH #3	1	**$76.64**
11752-000	U1225-02	¾ Tank Bay Rib, LH #4	1	**$86.18**
12046-002	U1228-05	Full Rib, RH #2	1	**$95.64**
12046-003	U1228-03	Inboard Aileron Bay Rib, RH #3	1	**$104.01**
12046-004	U1207-00	¾ Rib, #6-#9, #5 R, #10 L	5-L, 5-R	**$91.29**
12046-006	U1233-00	¾ Rib, LH #5, RH #4	1	**$76.64**
12046-007	U1206-00	Outboard Aileron Bay Rib, LH #11	1	**$142.29**
12046-008	U1206-01	Outboard Aileron Bay Rib, RH #10	1	**$124.33**
12662-002	U1200-02	Nose Rib	6-L, 5-R	**$21.82**
13052-005	U1227-03	Butt Rib, RH #1	1	**$103.85**
15712-000	U1200-05	Nose Rib at strut point	1	**$30.69**
16192-000	U1216-00	Tip Nose Rib, LH	1	**$23.49**
16192-001	U1216-01	Tip Nose Rib, RH	1	**$35.01**

PA-18 95hp

Piper #	Univair #	Description	# Per Wing	Price
10634-004	U1219-00	Butt Rib, LH #1	1	**$148.26**
10634-008	U1219-01	Butt Rib, RH #1	1	**$148.26**
10635-000	U1224-00	Tank Bay Rib, L/R #2 w/RH tank	1	**$80.92**
10653-000	U1221-01	Tank Bay Rib, LH #3	1	**$109.65**
10653-006	U1221-00	Tank Bay Rib, RH #3 w/RH tank	1	**$109.65**
10742-002	U1202-00	Tip Rib, LH #13	1	**$126.99**
10742-003	U1202-01	Tip Rib, RH #13	1	**$121.89**
10907-000	U1217-00	Full Rib, RH #3 w/o RH tank	1	**$106.23**
10908-003	U1217-01	Butt Rib, RH #1 w/o RH tank	1	**$92.92**
12662-002	U1200-02	Nose Rib	Note C	**$21.82**
12662-004	U1200-08	Nose Rib at Tank Bay	Note D	**$23.88**
12902-000	U1206-00	Outboard Aileron Bay Rib, LH #12	1	**$142.29**
12902-001	U1206-01	Outboard Aileron Bay Rib, RH #12	1	**$124.33**
13022-002	U1207-00	¾ Rib, #7, #8, #10 and #11	4	**$91.29**
13022-005	U1209-00	¾ Rib, #6	1	**$118.87**
13022-009	U1208-00	¾ Rib, LH or RH, #9	1	**$126.74**
13042-000	U1222-00	Inboard Aileron Bay Rib, LH #5	1	**$116.54**
13042-001	U1222-01	Inboard Aileron Bay Rib, RH #5	1	**$116.54**
13052-002	U1220-02	Full Rib, RH #2 w/o RH tank	1	**$132.13**
		Full Rib, LH or RH, #4	1	**$132.13**
15712-000	U1200-05	Nose Rib at strut point	1	**$30.69**
16192-000	U1216-00	Tip Nose Rib, LH	1	**$23.49**
16192-001	U1216-01	Tip Nose Rib, RH	1	**$35.01**

PIPER STCs, CONVERSIONS AND MODIFICATIONS

PA-18 105-125hp

Piper #	Univair #	Description	# Per Wing	Price
10634-005	U1215-01	Butt Rib, LH #1	1	**$124.25**
10634-007	U1215-02	Butt Rib, RH #1 w/RH tank	1	**$101.49**
10635-002	U1214-00	Tank Bay Rib, L/R #2 w/RH tank	1	**$106.25**
10653-002	U1213-01	¾ Rib, LH #3	1	**$93.12**
10653-005	U1213-00	¾ Rib, RH #3 w/RH tank	1	**$99.45**
10742-002	U1202-00	Tip Rib, LH #13	1	**$126.99**
10742-003	U1202-01	Tip Rib, RH #13	1	**$121.89**
10907-002	U1213-02	¾ Rib, RH #3 w/o RH tank	1	**$78.56**
10908-004	U1215-10	Butt Rib, RH #1 w/o RH tank	1	**$76.64**
12662-002	U1200-02	Nose Rib	Note C	**$21.82**
12662-004	U1200-08	Nose Rib at Tank Bay	Note D	**$23.88**
12902-000	U1206-00	Outboard Aileron Bay Rib, LH #12	1	**$142.29**
12902-001	U1206-01	Outboard Aileron Bay Rib, RH #12	1	**$124.33**
13022-002	U1207-00	¾ Rib, #6 to #8, #10, #11	5	**$91.29**
13022-009	U1208-00	¾ Rib, LH or RH, #9	1	**$126.74**
13042-002	U1210-01	¾ Rib, LH #5	1	**$99.20**
13042-003	U1210-00	¾ Rib, RH #5	1	**$103.52**
13052-007	U1212-00	¾ Rib, RH #2 w/o RH tank	1	**$132.09**
		¾ Rib, LH or RH, #4	1	**$132.09**
15712-000	U1200-05	Nose Rib at strut point	1	**$30.69**
16192-000	U1216-00	Tip Nose Rib, LH	1	**$23.49**
16192-001	U1216-01	Tip Nose Rib, RH	1	**$35.01**

PA-18 135hp

Piper #	Univair #	Description	# Per Wing	Price
10634-005	U1215-01	Butt Rib, LH #1	1	**$124.25**
10634-007	U1215-02	Butt Rib, RH #1	1	**$101.49**
10635-002	U1214-00	Tank Bay Rib, LH #2 – Note A	1	**$106.25**
		Tank Bay Rib, #2 and #3 – Note B	2	**$106.25**
10653-002	U1213-01	¾ Rib, LH #3	1	**$93.12**
		¾ Rib, LH #4 – Note B	1	**$93.12**
10653-005	U1213-00	¾ Rib, RH #3	1	**$99.45**
		¾ Rib, RH #4 – Note B	1	**$99.45**
10742-002	U1202-00	Tip Rib, LH #13	1	**$126.99**
10742-003	U1202-01	Tip Rib, RH #13	1	**$121.89**
12662-002	U1200-02	Nose Rib	10	**$21.82**
12262-004	U1200-08	Nose Rib Tank Bay	2-L, 2-R, w/tank	**$23.88**
12902-000	U1206-00	Outboard Aileron Bay Rib, LH #12	1	**$142.29**
12902-001	U1206-01	Outboard Aileron Bay Rib, RH #12	1	**$124.33**
13022-002	U1207-00	¾ Rib, #6 to #11 – Note A	6	**$91.29**
		¾ Rib, LH or RH, #10 – Note B	1	**$91.29**
13022-009	U1208-00	¾ Rib, LH or RH, #11 – Note B	1	**$126.74**
13022-010	U1209-00	¾ Rib, LH or RH, #8 – Note B	1	**$118.87**
13022-011	U1207-00	¾ Rib, LH or RH, #9 – Note B	1	**$91.29**
13042-002	U1210-01	¾ Rib, LH #5 – Note A	1	**$99.20**
		¾ Rib, LH #7 – Note B	1	**$99.20**
13042-003	U1210-00	¾ Rib, RH #5 – Note A	1	**$103.52**
		¾ Rib, RH #7 – Note B	1	**$103.52**
13052-007	U1212-00	¾ Rib, LH or RH, #5 – Note B	1	**$132.09**
13052-009	U1211-01	¾ Rib, RH #6 – Note B	1	**$103.52**
13052-010	U1211-00	¾ Rib, LH #6 – Note B	1	**$101.49**
15712-000	U1200-05	Nose Rib at strut point – Note A	1	**$30.69**
15712-002	U1200-05	Nose Rib at strut point – Note B	1	**$30.69**
16192-000	U1216-00	Tip Nose Rib, LH	1	**$23.49**
16192-001	U1216-01	Tip Nose Rib, RH	1	**$35.01**

Toll Free Sales: 1-888-433-5433

PA-18 150hp

Piper #	Univair #	Description	# Per Wing	Price
10634-005	U1215-01	Butt Rib, LH #1	1	**$124.25**
10634-007	U1215-02	Butt Rib, RH #1	1	**$101.49**
10635-002	U1214-00	Tank Bay Rib, #2 and #3	2	**$106.25**
10653-002	U1213-01	¾ Rib, LH #4	1	**$93.12**
10653-005	U1213-00	¾ Rib, RH #4	1	**$99.45**
10742-002	U1202-00	Tip Rib, LH #16	1	**$126.99**
10742-003	U1202-01	Tip Rib, RH #16	1	**$121.89**
12662-002	U1200-02	Nose Rib	10	**$21.82**
12902-000	U1206-00	Outboard Aileron Bay Rib, LH #15	1	**$142.29**
12902-001	U1206-01	Outboard Aileron Bay Rib, RH #15	1	**$124.33**
13022-002	U1207-00	¾ Rib, #10, #13 and #14	3	**$91.29**
13022-009	U1208-00	¾ Rib, LH or RH, #11	1	**$126.74**
13022-010	U1209-00	¾ Rib, LH or RH, #8	1	**$118.87**
13022-011	U1207-00	¾ Rib, LH or RH, #9 and #12	2	**$91.29**
13042-002	U1210-01	¾ Rib, LH #7	1	**$99.20**
13042-003	U1210-00	¾ Rib, RH #7	1	**$103.52**
13052-007	U1212-00	¾ Rib, LH or RH, #5	1	**$132.09**
13052-009	U1211-01	¾ Rib, RH #6	1	**$103.52**
13052-010	U1211-00	¾ Rib, LH #6	1	**$101.49**
15712-000	U1200-05	Nose Rib at strut point	1	**$30.69**
16192-000	U1216-00	Tip Nose Rib, LH	1	**$23.49**
16192-001	U1216-01	Tip Nose Rib, RH	1	**$35.01**

PA-20 115hp

Piper #	Univair #	Description	# Per Wing	Price
10634-002	U1229-00	Butt Rib, LH #1	1	**$129.53**
10634-006	U1229-01	Butt Rib, RH #1	1	**$103.85**
10635-000	U1224-00	Tank Bay Rib, #2 and #3	2	**$80.92**
10742-002	U1202-00	Tip Rib, LH #12	1	**$126.99**
10742-003	U1202-01	Tip Rib, RH #12	1	**$121.89**
12046-003	U1228-03	Inboard Aileron Bay Rib, RH #6	1	**$104.01**
12046-004	U1207-00	¾ Rib, LH or RH #7 to #10	4	**$91.29**
12046-007	U1206-00	Outboard Aileron Bay Rib, LH #11	1	**$142.29**
12046-008	U1206-01	Outboard Aileron Bay Rib, RH #11	1	**$124.33**
12046-009	U1228-02	Inboard Aileron Bay Rib, LH #6	1	**$104.01**
12046-010	U1229-02	Full Rib, LH #4	1	**$98.28**
12046-011	U1229-03	Full Rib, RH #4	1	**$103.52**
12662-002	U1200-02	Nose Rib	5	**$21.82**
12825-000	U1218-00	Full Rib, LH or RH #5	1	**$96.42**
15712-000	U1200-05	Nose Rib at strut point	1	**$30.69**
16192-000	U1216-00	Tip Nose Rib, LH	1	**$23.49**
16192-001	U1216-01	Tip Nose Rib, RH	1	**$35.01**

PA-20 125-135hp

Piper #	Univair #	Description	# Per Wing	Price
10742-002	U1202-00	Tip Rib, LH #12	1	**$126.99**
10742-003	U1202-01	Tip Rib, RH #12	1	**$121.89**
11752-000	U1225-02	¾ Rib, LH #4	1	**$86.18**
11752-001	U1225-03	¾ Rib, RH #4	1	**$82.60**
12046-004	U1207-00	¾ Rib, #5 to #10	6	**$91.29**
12046-007	U1206-00	Outboard Aileron Bay Rib, LH #11	1	**$142.29**
12046-008	U1206-01	Outboard Aileron Bay Rib, RH #11	1	**$124.33**
12470-000	U1225-00	Butt Rib, LH #1	1	**$101.44**
12470-001	U1225-01	Butt Rib, RH #1	1	**$103.52**
12472-000	U1226-00	Tank Bay Rib, LH/RH, #2 and #3	2	**$94.35**
12662-002	U1200-02	Nose Rib	5	**$21.82**
15712-000	U1200-05	Nose Rib at strut point	1	**$30.69**
16192-000	U1216-00	Tip Nose Rib, LH	1	**$23.49**
16192-001	U1216-01	Tip Nose Rib, RH	1	**$35.01**

PIPER STCs, CONVERSIONS AND MODIFICATIONS

PA-22 108hp

Piper #	Univair #	Description	# Per Wing	Price
10634-002	U1229-00	Butt Rib, LH #1	1	**$129.53**
10634-009	U1229-01	Butt Rib, RH #1 w/RH tank	1	**$103.85**
10635-000	U1224-00	Tank Bay Rib, LH #2 and #3	2	**$80.92**
10635-003	U1224-00	Tank Bay Rib, RH #2 and #3 w/RH tank	2	**$80.92**
10742-002	U1202-00	Tip Rib, LH #13	1	**$126.99**
10742-003	U1202-01	Tip Rib, RH #13	1	**$121.89**
12046-002	U1228-05	Full Rib, RH #2 to #4, w/o RH tank	3	**$95.64**
12046-004	U1207-00	¾ Rib, #6 to #11	6	**$91.29**
12046-007	U1206-00	Outboard Aileron Bay Rib, LH #12	1	**$142.29**
12046-008	U1206-01	Outboard Aileron Bay Rib, RH #12	1	**$124.33**
12046-010	U1229-02	Full Rib, LH #4	1	**$98.28**
12046-011	U1229-03	Full Rib, RH #4 w/RH tank	1	**$103.52**
12662-002	U1200-02	Nose Rib	7	**$21.82**
12825-000	U1218-00	Full Rib, LH or RH, #5	1	**$96.42**
13052-011	U1227-03	Butt Rib, RH #1 w/o RH tank	1	**$103.85**
15131-000	Note G	Inboard Aileron Bay Trailing Edge Rib, LH	1	N/A
15131-001	Note G	Inboard Aileron Bay Trailing Edge Rib, RH	1	N/A
15712-002	U1200-05	Nose Rib at strut point	1	**$30.69**
16192-000	U1216-00	Tip Nose Rib, LH	1	**$23.49**
16192-001	U1216-01	Tip Nose Rib, RH	1	**$35.01**

PA-22 125-135hp

Piper #	Univair #	Description	# Per Wing	Price
10742-002	U1202-00	Tip Rib, LH #12	1	**$126.99**
10742-003	U1202-01	Tip Rib, RH #12	1	**$121.89**
11752-000	U1225-02	¾ Rib, LH #4	1	**$86.18**
11752-001	U1225-03	¾ Rib, RH #4	1	**$82.60**
12046-004	U1207-00	¾ Rib, #5 to #10	6	**$91.29**
12046-007	U1206-00	Outboard Aileron Bay Rib, LH #11	1	**$142.29**
12046-008	U1206-01	Outboard Aileron Bay Rib, RH #11	1	**$124.33**
12470-000	U1225-00	Butt Rib, LH #1	1	**$101.44**
12470-001	U1225-01	Butt Rib, RH #1	1	**$103.52**
12472-000	U1226-00	Tank Bay Rib, #2 and #3	2	**$94.35**
12662-002	U1200-02	Nose Rib	5	**$21.82**
15712-000	U1200-05	Nose Rib at strut point	1	**$30.69**
16192-000	U1216-00	Tip Nose Rib, LH	1	**$23.49**
16192-001	U1216-01	Tip Nose Rib, RH	1	**$35.01**

PA-22 150-160hp

Piper #	Univair #	Description	# Per Wing	Price
10742-002	U1202-00	Tip Rib, LH #13	1	**$126.99**
10742-003	U1202-01	Tip Rib, RH #13	1	**$121.89**
11752-000	U1225-02	¾ Rib, LH #4	1	**$86.18**
11752-001	U1225-03	¾ Rib, RH #4	1	**$82.60**
12046-004	U1207-00	¾ Rib, #5 to #11	7	**$91.29**
12046-007	U1206-00	Outboard Aileron Bay Rib, LH #12	1	**$142.29**
12046-008	U1206-01	Outboard Aileron Bay Rib, RH #12	1	**$124.33**
12470-000	U1225-00	Butt Rib, LH #1	1	**$101.44**
12470-001	U1225-01	Butt Rib, RH #1	1	**$103.52**
12472-000	U1226-00	Tank Bay Rib, #2 and #3	2	**$94.35**
12662-002	U1200-02	Nose Rib	7	**$21.82**
15712-000	U1200-05	Nose Rib at strut point	1	**$30.69**
16192-000	U1216-00	Tip Nose Rib, LH	1	**$23.49**
16192-001	U1216-01	Tip Nose Rib, RH	1	**$35.01**

NOTES KEY

NOTE A *For serial numbers 1 to 3770, 3772 to 3780*

NOTE B *For serial numbers 3771, 3781 and up*

NOTE C *Without RH tank: 10 Ribs – RH Wing, 8 Ribs – LH Wing. With RH tank: 8 Ribs – RH Wing, 8 Ribs – LH Wing*

NOTE D *Only with tank: 2 Ribs – RH Wing, 2 Ribs – LH Wing*

NOTE E *Indicates Univair ribs FAA/PMA approved separately from these STC'd ribs*

NOTE F *Indicates Piper stamped aluminum ribs that may replace original built-up Piper ribs*

NOTE G *Univair equivalent is not available at this time.*

PA-25 150hp

Piper #	Univair #	Description	# Per Wing	Price
61068-000	Note G	Nose Rib, LH #1	1	N/A
61068-001	Note G	Nose Rib, RH #1	1	N/A
61068-002	Note G	Nose Rib, LH #2 and #3	2	N/A
61068-003	Note G	Nose Rib, RH #2 and #3	2	N/A
61068-003	Note G	Nose Rib, LH #4	1	N/A
61068-002	Note G	Nose Rib, RH #4	1	N/A
12662-002	U1200-02	Nose Rib, #5 - #11 and #13 - #16	11	**$21.82**
12662-005	U1200-07	Nose Rib #12	1	**$33.55**
16192-000	U1216-00	Tip Nose Rib, LH	1	**$23.49**
16192-001	U1216-01	Tip Nose Rib, RH	1	**$35.01**
61424-004	Note G	¾ Rib, #3, #5 and #6	3	N/A
61424-002	Note G	¾ Rib, #4	1	N/A
61424-003	Note G	¾ Rib, #7	1	N/A
61424-006	Note G	¾ Rib, #8	1	N/A
61298-000	Note G	¾ Rib, #9	1	N/A
61424-005	Note G	¾ Rib, #10	1	N/A
13022-011	U1207-00	¾ Rib, #11	1	**$91.29**
13022-002	U1207-00	¾ Rib, #12 and #13	2	**$91.29**
12902-000	U1206-00	Outboard Aileron Bay Rib, LH #14	1	**$142.29**
12902-001	U1206-01	Outboard Aileron Bay Rib, RH #14	1	**$124.33**
10742-002	U1202-00	Tip Rib, LH #15	1	**$126.99**
10742-003	U1202-01	Tip Rib, RH #15	1	**$121.89**
61210-000	U61210-000	Trailing Edge Wing Walk Rib, LH #1 – Note E	1	**$80.88**
61210-001	U61210-001	Trailing Edge Wing Walk Rib, RH #1 – Note E	1	**$80.88**
61210-003	U61210-003	Trailing Edge Wing Walk Rib, LH #2 – Note E	1	**$124.67**
61210-002	U61210-002	Trailing Edge Wing Walk Rib, RH #2 – Note E	1	**$124.67**
61211-004	U61211-006	Wing Walk Rib, LH #1	1	**$153.46**
61211-005	U61211-007	Wing Walk Rib, RH #1	1	**$147.55**
61211-007	U61211-007	Wing Walk Rib, LH #2 – Note E	1	**$147.55**
61211-006	U61211-006	Wing Walk Rib, RH #2 – Note E	1	**$153.46**

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PIPER STCs, CONVERSIONS AND MODIFICATIONS

PA-25 235D and 260D

Piper #	Univair #	Description	# Per Wing	Price
61068-000	Note G	Nose Rib, LH #1	1	N/A
61068-001	Note G	Nose Rib, RH #1	1	N/A
61068-002	Note G	Nose Rib, LH, #2 and #3	2	N/A
61068-003	Note G	Nose Rib, RH, #2 and #3	2	N/A
61068-003	Note G	Nose Rib, LH #4	1	N/A
61068-002	Note G	Nose Rib, RH #4	1	N/A
12662-002	U1200-02	Nose Rib, #5 to #11 and #15	8	**$21.82**
12662-005	U1200-07	Nose Rib #12	1	**$33.55**
12662-004	U1200-08	Nose Rib at Tank Bay, #13 and #14	2	**$23.88**
16192-000	U1216-00	Tip Nose Rib, LH	1	**$23.49**
16192-001	U1216-01	Tip Nose Rib, RH	1	**$35.01**
64269-000	Note G	¾ Rib, #3 and #5	2	N/A
64267-002	Note G	¾ Rib, #6	1	N/A
64268-000	Note G	¾ Rib, #4	1	N/A
64216-000	Note G	¾ Rib, #7	1	N/A
64215-000	Note G	¾ Rib, #8	1	N/A
64217-002	Note G	¾ Rib, #9	1	N/A
64214-002	Note G	¾ Inboard Tank Bay Rib, LH #10	1	N/A
64214-003	Note G	¾ Inboard Tank Bay Rib, RH #10	1	N/A
60304-000	Note G	Tank Bay Rib, #11 and #12	2	N/A
13022-012	Note G	¾ Outboard Tank Bay Rib, LH #13	1	N/A
13022-013	Note G	¾ Outboard Tank Bay Rib, RH #13	1	N/A
12902-000	U1206-00	Outboard Aileron Bay Rib, LH #14	1	**$142.29**
12902-001	U1206-01	Outboard Aileron Bay Rib, RH #14	1	**$124.33**
10742-002	U1202-00	Tip Rib, LH #15	1	**$126.99**
10742-003	U1202-01	Tip Rib, RH #15	1	**$121.89**
61210-000	U61210-000	Trailing Edge Wing Walk Rib, LH #1 – Note E	1	**$80.88**
61210-001	U61210-001	Trailing Edge Wing Walk Rib, RH #1 – Note E	1	**$80.88**
61210-003	U61210-003	Trailing Edge Wing Walk Rib, LH #2 – Note E	1	**$124.67**
61210-002	U61210-002	Trailing Edge Wing Walk Rib, RH #2 – Note E	1	**$124.67**
61211-004	U61211-006	Wing Walk Rib, LH #1	1	**$153.46**
61211-005	U61211-007	Wing Walk Rib, RH #1	1	**$147.55**
61211-007	U61211-007	Wing Walk Rib, LH #2 – Note E	1	**$147.55**
61211-006	U61211-006	Wing Walk Rib, RH #2 – Note E	1	**$153.46**
15831-002	U1200-02	Nose Rib, #5 to #11, #13 and #15 – Note F	9	**$21.82**
15831-007	U1200-07	Nose Rib #12 – Note F	1	**$33.55**
15831-008	U1200-08	Nose Rib at Tank Bay, #14 – Note F	1	**$23.88**

PA-25 235, 235B, 235C and 260C

Piper #	Univair #	Description	# Per Wing	Price
61068-000	Note G	Nose Rib, LH #1	1	N/A
61068-001	Note G	Nose Rib, RH #1	1	N/A
61068-002	Note G	Nose Rib, LH, #2 and #3	2	N/A
61068-003	Note G	Nose Rib, RH, #2 and #3	2	N/A
61068-003	Note G	Nose Rib, LH #4	1	N/A
61068-002	Note G	Nose Rib, RH #4	1	N/A
12662-002	U1200-02	Nose Rib, #5 to #11, #13, #15 and #16	10	**$21.82**
12662-005	U1200-07	Nose Rib #12	1	**$33.55**
16192-000	U1216-00	Tip Nose Rib, LH	1	**$23.49**
16192-001	U1216-01	Tip Nose Rib, RH	1	**$35.01**
64269-000	Note G	¾ Rib, #3 and #5	2	N/A
64267-002	Note G	¾ Rib, #6	1	N/A
64268-000	Note G	¾ Rib, #4	1	N/A
64216-000	Note G	¾ Rib, #7	1	N/A
64215-000	Note G	¾ Rib, #8	1	N/A
64217-002	Note G	¾ Rib, #9	1	N/A
64214-000	Note G	¾ Rib, #10	1	N/A
64212-000	Note G	¾ Rib, #11	1	N/A
13022-002	U1207-00	¾ Rib, #12 and #13	2	**$91.29**
12902-000	U1206-00	Outboard Aileron Bay Rib, LH #14	1	**$142.29**
12902-001	U1206-01	Outboard Aileron Bay Rib, RH #14	1	**$124.33**
10742-002	U1202-00	Tip Rib, LH #15	1	**$126.99**
10742-003	U1202-01	Tip Rib, RH #15	1	**$121.89**
61210-000	U61210-000	Trailing Edge Wing Walk Rib, LH #1 – Note E	1	**$80.88**
61210-001	U61210-001	Trailing Edge Wing Walk Rib, RH #1 – Note E	1	**$80.88**
61210-003	U61210-003	Trailing Edge Wing Walk Rib, LH #2 – Note E	1	**$124.67**
61210-002	U61210-002	Trailing Edge Wing Walk Rib, RH #2 – Note E	1	**$124.67**
61211-004	U61211-006	Wing Walk Rib, LH #1	1	**$153.46**
61211-005	U61211-007	Wing Walk Rib, RH #1	1	**$147.55**
61211-007	U61211-007	Wing Walk Rib, LH #2 – Note E	1	**$147.55**
61211-006	U61211-006	Wing Walk Rib, RH #2 – Note E	1	**$153.46**

For "Approved Repair and Alternate Installation Procedure" see page 123

When using a Univair stamped aluminum replacement rib, AD42BSLF pop rivets may be used as the fabric attachment method. The pop rivet is installed through standard ½ inch reinforcement tape and covered with 2 inch fabric tape, just as though rib stitching were used. The hole for the pop rivet is to be made with an awl or other sharp pointed, round instrument to part the cloth fibers rather than cut them. All ribs requiring fabric attachment are pre-drilled at the approved location and spacing. In some wing assemblies, the same rib may be placed both within the propeller slipstream and outside the propeller slipstream. All Univair stamped ribs have flanges that are drilled for use outside the slipstream (3 inch rivet spacing, approximate). To use these ribs within the slipstream area, drill an additional #30 rivet hole centered between each existing hole. The nose ribs do not require fabric attachment; therefore, no holes are drilled for the pop rivets. Notches on some wing leading edge covers may require modification to clear the upper reinforcement doubler on Univair ribs. Remove only the minimum amount of material necessary to clear the doubler and deburr the notch as required after modification.

Sheet metal screw attachment of fabric is not permitted.

PIPER STCs, CONVERSIONS AND MODIFICATIONS

Rib Kits

The following rib kits include Univair stamped aluminum wing ribs. Kits contain ribs only; no other parts or hardware are included.

Description	Kit #	Price
J-3 Rib Kit, LH	RK-0301	**$1,384.20**
RH	RK-0302	**$1,384.20**
PA-11 Rib Kit, LH	RK-1101	**$1,360.96**
RH	RK-1102	**$1,379.59**
RH, with Tank Bay	RK-1103	**$1,365.30**
PA-12 Rib Kit, LH	RK-1201	**$1,368.74**
RH	RK-1202	**$1,389.28**
PA-14 Rib Kit, LH	RK-1401	**$1,316.18**
RH	RK-1402	**$1,348.28**
PA-15/17 Rib Kit, LH	RK-1501	**$1,079.06**
RH	RK-1502	**$1,079.06**
PA-16 Rib Kit, LH	RK-1601	**$1,112.98**
RH	RK-1602	**$1,058.69**
PA-18 Rib Kit		
95hp, LH	RK-1801	**$1,349.01**
95hp, RH	RK-1802	**$1,394.86**
95hp, RH, w/Tank Bay	RK-1803	**$1,369.27**
105-125hp, LH	RK-1804	**$1,312.75**
105-125hp, RH	RK-1805	**$1,298.89**
105-125hp, RH, w/Tank Bay	RK-1806	**$1,314.88**
135hp, LH, early	RK-1807	**$1,351.14**
135hp, RH, early	RK-1808	**$1,359.67**
135hp, LH, late	RK-1809	**$1,359.67**
135hp, RH, late	RK-1810	**$1,386.33**
150hp, LH	RK-1811	**$1,563.36**
150hp, RH	RK-1812	**$1,569.76**
PA-20/22 Rib Kits		
125-135hp, LH	RK-2001	**$1,146.92**
125-135hp, RH	RK-2002	**$1,146.92**
PA-20		
115hp, LH	RK-2003	**$1,153.70**
115hp, RH	RK-2004	**$1,153.70**
PA-22		
108hp, LH	RK-2201	**$1,203.16**
108hp, RH	RK-2202	**$1,153.70**
108hp, RH, with Tank Bay	RK-2203	**$1,203.16**
150-160hp, LH	RK-2204	**$2,131.75**
150-160hp, RH	RK-2205	**$2,131.75**

If you don't find the part you need, be sure to give us a call. We are here to help you with all of your classic aircraft needs!

Wing Assemblies With Univair Ribs

All wing assemblies are uncovered. Only J-3 and PA-18-150 wings are kept in stock – all other wings are built on a made-to-order basis. Crating charges apply; see **Crating and Labor Charges** on page 393 for details.

Model	Left Hand	Price	Right Hand	Price
J-3 • STC/PMA Approved	U15556-000	**$7,342.98**	U15556-001	**$7,342.98**
PA-11	10625-000UR	**$7,542.90**	10625-001UR	**$7,542.90**
PA-12	14766-002UR	**$8,442.37**	14766-001UR	**$8,442.37**
PA-15/17	11520-000UR	**$6,413.22**	11520-001UR	**$6,413.22**
PA-16	11777-000UR	**$8,260.78**	11777-001UR	**$8,260.78**
PA-18 95hp, SN 1 to 468 (without Tank Bay)	10625-004UR	**$6,413.22**	10625-003UR	**$6,413.22**
PA-18 95hp, SN 469 and up (with Tank Bay)	10625-006UR	**$6,413.22**	10625-005UR	**$6,413.22**
PA-18 105-125hp, SN 1 to 468 (without Tank Bay)	12778-000UR	**$8,445.76**	12778-001UR	**$8,276.11**
PA-18 105-125hp, SN 469 and up (with Tank Bay)	12778-004UR	**$8,445.76**	12778-003UR	**$8,276.11**
PA-18 135hp	12778-008UR	**$8,445.76**	12778-003UR	**$8,276.11**
PA-18 150hp • STC/PMA Approved	U14394-000	**$10,149.00**	U14394-001	**$9,817.50**
PA-20 125hp	12483-000UR	**$8,445.76**	12483-001UR	**$8,276.11**
PA-20 135hp	12483-002UR	**$8,445.76**	12483-001UR	**$8,276.11**
PA-22 108hp (without Tank in Right Wing)	15094-000UR	**$8,445.09**	15094-001UR	**$8,276.11**
PA-22 108hp (with Tank in Right Wing)	15094-000UR	**$8,445.09**	15094-003UR	**$8,445.76**
PA-22 125hp	12483-000UR	**$8,445.76**	12483-001UR	**$8,276.11**
PA-22 135hp	12483-002UR	**$8,445.76**	12483-003UR	**$8,276.11**
PA-22 150-160hp	14407-000UR	**$8,445.76**	14407-001UR	**$8,276.11**

Supplemental Type Certificates (STCs)

Lycoming O-290-D or O-290-D2 in J-5A Only

Includes a 501 engine mount, installation instructions and STC approval.

STC Approval ..... STC-SA495AL..... **$923.28**

PA-22 Drum-to-Disc Brakes

This kit consists of two Cleveland 40-28 wheels, two Cleveland 30-18 brakes and one STC Approval, STC-SA91AL.

Drum-to-Disc Brakes..... 199-27600 .... **$3,045.46**

STC-SA35AL PA-11 Flap Conversion Kit

Consists of two each PA-18 flaps, flap handle, flap handle support, flap brackets, cables, pulleys, pulley supports, fairleads, bushing supports, and installation instructions.

STC Approval Only..... STC-SA35AL..... **$122.16**
STC and Flaps* ..... STC-SA35ALU... **$3,951.97**

**uncovered*

PA-20 Crankcase Pressure Relief Valve

Relieves crankcase pressure and prevents engine damage and failure due to oil loss from freezing of the breather line. For all Lycoming O-320.

Pressure Relief Valve and STC..... STC-SA509AL **$144.36**

Crankcase Pressure Relief Valve

For Lycoming O-320 Series. Relieves crankcase pressure and prevents engine damage and failure due to oil loss from freezing of the breather line.

Relief Valve ..... STC-SE508AL **$141.64**

J-3C Crankcase Pressure Relief Valve

Relieves crankcase pressure and prevents engine damage and failure due to oil loss from freezing of breather line.

Crankcase Pressure Relief Valve and STC..... STC-SA507AL **$132.21**

Engine Conversion: Installation of Lycoming O-290 D or O-290 D2 in PA-12 or PA-12S

Minimum Required Purchase:

501 Engine Mount, Installation Instructions and STC Approval ..... STC-SA59AL **$923.28**

Installation Kit (excludes engine and oil cooler)
501 Engine Mount, STC and items listed below ..... STC-SA59ALK **$5,421.96**

Kit consists of:

Engine Baffles

12424-000	**$113.83**	12749-005	**$168.34**
12428-004	**$240.33**	12425-000	**$78.17**
12367-006	**$244.11**	12426-000	**$117.28**
12427-000	**$105.34**	13744-000	**$268.28**

Oil Cooler Installation

Hose (AN6264-8-32)	MS28741-8-0320	**$86.55**
Hose (AN6264-8-38)	MS28741-8-0380	**$91.35**
Fittings (3) (AN822-8D)	MS20822-8D	**$16.70**
Fitting (AN823-8D)	MS20823-8D	**$14.90**
Mounting Bracket	U13725-000	**$425.76**
Mounting Bracket	U13720-000	**$260.90**

Exhaust System (PA-18 crossover)

Front Stack Assembly	U12457-012	**$732.50**
Rear Stack Assembly	U12457-013	**$782.50**
Oil Cooler Scoop	U13717-000	**$234.09**
Muffler Shroud	12436-000	**$234.12**
Shroud Clip	U71261-005	**$35.95**
Muffler	U12433-015	**$725.00**

Engine Conversion: Installation of Lycoming O-320, -A1A, -A1B, -A2A, -A2B, -A2C, A3A, -A3B, -A3C, -C2A, -C2B, -C3A, -C3B into PA-12 or PA-14

Minimum Required Purchase:

501 Engine Mount, Installation Instructions and STC Approval ..... STC-SA83AL-501 ..... **$948.76**

Installation Kit (excludes engine and oil cooler)
501 Engine Mount, STC and items listed below ..... STC-SA83ALK **$3,828.36**

Kit consists of:

Engine Baffles

U14439-000	**$178.67**	U14452-000	**$111.59**
U14440-000	**$172.89**	U14457-000	**$81.58**
U14455-000	**$76.26**	U14458-000	**$317.59**
U14456-000	**$107.67**	U14467-000	**$342.79**

Oil Cooler Installation

Hose (AN6264-8-32)	MS28741-8-0320	**$86.55**
Hose (AN6264-8-38)	MS28741-8-0380	**$91.35**
Fittings (3) (AN822-8D)	MS20822-8D	**$16.70**
Fitting (AN823-8D)	MS20823-8D	**$14.90**
Mounting Bracket	U13725-000	**$425.76**
Mounting Bracket	U13720-000	**$260.90**
Oil Cooler Scoop	U13717-000	**$234.09**
Tie Rods (2)	U14513-000	**$36.71**
Inner Cylinder Baffle (2)	72150	**$248.96**
Hooks (2)	71610	**$5.32**
Brackets (2)	71611	**$15.09**

J-3 Continental O-200A (100hp) Engine Conversion

• O-200A Conversion for J-3 with standard length metal spar wings

This conversion, STC-SA7435SW, is for the stock J-3 with metal spars. Fuel capacity will have to be increased by at least 15 U.S. gallons. Any STC'd auxiliary wing-mounted fuel system for the J-3 will cover this requirement. However, the original 12 gallon frame tank will be limited to six usable gallons. Additional information detailing other requirements of this installation is available from Univair.

STC and Paperwork ..... STC-SA7435SW **$305.40**
Engine Mount (if Univair-built mount is not already installed) ..... U71163-000 ..... **$820.33**
McCauley Prop ..... DCM6944 ..... **$4,600.00**
Engine Bushing Hardware Kit ..... DK200-1 ..... **$395.00**
Battery Box Installation Kit ..... DK200-2 ..... **$1,045.37**
Wing Tank Installation Kit ..... DK200-3 ..... **$4,510.74**
162 inch Stringer ..... 1232-162 ..... **$50.23**

Critical Requirements of Piper J-3 O-200A Installations of STC-SA107RM and STC-SA7435SW

1. The aircraft must have the Univair part number U71163-000 Engine Mount, if not already installed previously.
2. Fuel capacity must be increased using wing tanks of at least 15 gallons additional capacity. The Piper 18 gallon wing tank specified in the STC or any other STC approved tank system may be used.
3. An electrical system is optional.
4. A wide stringer must be installed along the left side of the frame so fabric will clear the fuel selector valve that is part of the fuel system modification. A window stop channel is also installed above the fuel selector valve.
5. Cowling and exhaust stack modifications are required if an electrical system is installed and may be necessary even if the electrical system is omitted.
6. The Continental O-200A Engine must be equipped with a 15 amp generator and a key activated starter if an electrical system is installed. These requirements must be met so that the accessories clear the firewall.
7. Some types of high profile magnetos eligible for use on the O-200A engine may not be suitable for installation on the Piper J-3 aircraft due to interference with the engine top cowl assembly.
8. There is no gross weight increase using STC-SA7435SW. Weight added during conversion reduces useful load and may limit the aircraft's utility.

Toll Free Sales: 1-888-433-5433

STC-SA02267AK Piper PA-12 180hp Modification

This STC provides for the installation of the Lycoming 0-360-A2A 180hp engine. The -A2A series is one of the most common versions of the Lycoming 0-360 series. It uses a Dynafocal type engine mount, part number D200.

This conversion is applicable on the PA-12 landplane licensed in the Normal Category only. It is not approved for the PA-12S seaplane.

Propeller: McCauley 1A200-FA8242 fixed-pitch propeller with alternate pitches of 43 and 44 inches. Note that compatibility of this design change with previously approved modifications must be determined by the installer.

Paperwork includes:

- STC
- Aircraft Flight Manual Supplement
- Instructions for Continued Airworthiness
- Installation instructions which include fabrication and installation drawings

This is a fairly extensive modification requiring significant fabrication of parts that will have to be "hand fitted" for proper installation. There are several other components that must be used to perform this installation. These must be obtained from various vendors. They include:

- Carburetor – Marvel MA4-5
- Oil Cooler – Niagara 20003A (engine baffle mount)
- Fuel Tanks (L and R) – F. Atlee Dodge 30.5 gallon or Dakota Cub 24 gallon
- Gascolator – Steve's Aircraft SA3-10 (STC SA01026SE)
- Muffler and Exhaust – Leading Edge (STC SA02200AK)
- Air Filter* – Bracket BA5110
- Front and rear header tanks* – F. Atlee Dodge part numbers 3169-1 and 3169-2
- Fuel Selector Valve* – Modified Univair part number U491-947K
- Carburetor Air Box – Aircraft Spruce part number 08-01630

**Indicates item may be purchased separately from Univair*

The only approved propeller is the McCauley 1A200-FA8242 fixed-pitch prop. Alternate pitches include 43 and 44 inches.

STC as provided by Univair Aircraft Corporation will include engine mount and STC related paperwork only.

This is a labor-intensive conversion involving many modifications to the original PA-12 aircraft and engine systems and need to be performed by a qualified aircraft mechanic. Modifications include, but are not limited to the above list. Prior to any modification, Univair recommends that the owner/operator consult with his AP and IA to discuss the details involved with this installation.

Conversion Mount and STC Only.....STC-SA02267AK **$2,870.96**
Propeller ..... FA8242 .....**$5,920.00**

F. Atlee Dodge Aircraft Services, LLC
6672 Wes Way
Anchorage, AK 99518-0409
Phone: 907-344-1735
Toll Free: 877-332-8533
Website: www.fadodge.com

Leading Edge
6310 A Street
Anchorage, AK 99518
Phone: 907-248-1188

Steve's Aircraft
15373 Jones Road
White City, OR 97503
Phone: 541-826-9729

Muffler Modification

Muffler Wire Bail

• For all Piper models up to and including the PA-22

Prevents loss of power due to failure of muffler flame tubes. Field approval required.

Muffler Wire Bail ..... U452-093 ..... **$37.74**

Aeroquip Hoses

Aeroquip Hoses for Oil Cooler

• For PA-12, PA-14, PA-18, PA-20 and PA-22

Aeroquip hoses for oil cooler to replace steel tubes. Set consists of one 32" long hose and one 38" long hose. Length is overall measurement including end fittings (three 90° elbows and one 45° elbow ⅜" pipe). Field approval required.

Aeroquip Hoses .....AEROQUIP-KT **$608.47**

Cleveland Wheel and Brake Conversions for Piper

• STC-SA11RM for Cleveland Wheels and Brakes
• J-3, PA-11, PA-12, PA-14, PA-15, PA-16, PA-17, PA-18 and PA-20 Brake Conversion

Cleveland Conversion Kit

• For use with 1¼" axles

Cleveland Wheel
and Brake Kit.....199-07100..... **$1,989.00**

Installation of this kit may require:
Lines (2 required)*..... U60703-002 ..... **$50.70**
Elbows (2 required)*.....402X4 ..... **$3.50**
Elbows (2 required)*.....502X4 ..... **$15.82**

**Priced and sold individually*

STC-SA11RM-1.25

This STC provides for the installation of the popular Cleveland 199-07100 kit on many of the older Pipers using 1¼" axles. This kit replaces the original Goodrich (Hayes) wheels and brakes. The 199-07100 kit uses the 6.00 x 6 tire and this STC will allow larger tires up to the 8.00 x 6 to be installed.

Request STC-SA11RM-1.25 when you purchase the above conversion kit and we will include it free of charge. Not applicable on J-4 and J-5.

Approval only for 1¼" axles
as used with 199-07100 Kit ..... STC-SA11RM-1.25 ..... **$96.86**

Cleveland Heavy Duty Conversion Kit

Univair also has a version of this STC that will cover the installation of larger 1½" axles so that a "heavy duty" double puck wheel and brake assembly can be installed. Request STC-SA11RM-1.5 when you purchase the conversion kit and we will include it free of charge. Not applicable on J-4 and J-5.

- *For use with 1½" straight axles only*
- *For use with 600 x 6 and 700 x 6 tires only*
- *This dual piston brake is designed for superior performance*
- *This kit may require the purchase of axle spacers for proper installation, depending on application. Axle spacers sold separately.*
- *Must have STC approval*

Cleveland Heavy Duty Conversion Kit
(Includes 2 each: wheels, brakes).....199-23100 ..... **$1,998.91**

Approval only for 1½" axles as used with
"Heavy Duty" Cleveland Wheels and Brakes
For J-3, PA-11 and PA-18..... STC-SA11RM-1.5J **$96.86**
For PA-12, 14, 16 and 20 ..... STC-SA11RM-1.5P **$96.86**

Cleveland Disc Brake Conversion Kit

• For PA-22 Tri-Pacer

These wheels and single puck disc brakes are the same as used on the PA-22-108 Colt. It is a straight bolt-on replacement for the original Cleveland/Van Sickle drum and shoe type brakes. No modification to axle. No axle spacers.

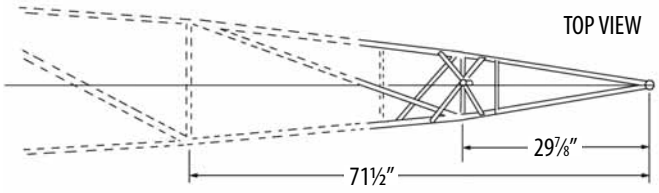
STC-SA91AL will be supplied at no charge when the kit is purchased. The STC may also be purchased separately (serial number required for STC issuance).

Cleveland PA-22 Brake Kit.....199-27600 ..... **$3,045.46**
STC (when purchased separately) ..... STC-SA91AL **$65.58**

Tail Repair Sections

J-3, PA-11 Short Tail Repair Section

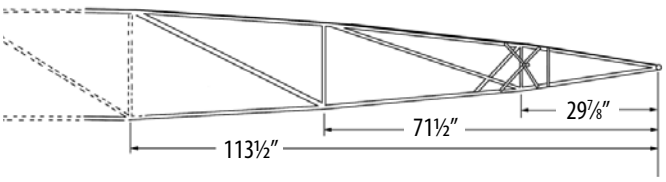
Our jig-welded 4130 steel repair assemblies includes tail post, bottom rudder hinges, stabilizer rear brackets, tail spring and brace tube attach fittings, jack screw tower, and top and bottom longeron stub tubes. Kit includes splice tubes, STC and instructions.



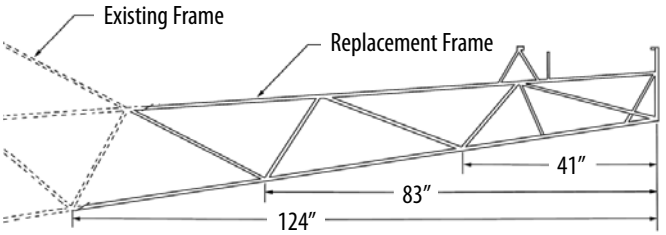
J-3, PA-11 Short Tail Repair Section ..... SA00002DE-02 ..... **$2,949.16**

J-3, PA-11 Long Tail Repair Section

TOP VIEW



SIDE VIEW

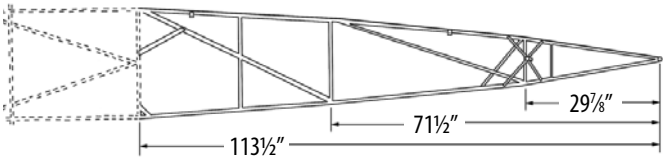


J-3, PA-11 Long Tail Repair Section ..... SA00002DE-01 ..... **$3,950.00**

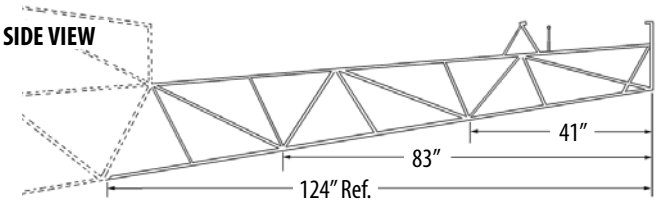
PIPER STCs, CONVERSIONS AND MODIFICATIONS

PA-18 Long Tail Repair Section

TOP VIEW



SIDE VIEW

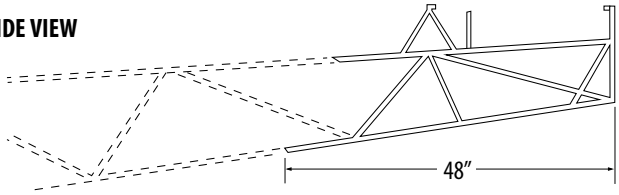


PA-18 Long Tail Repair Section..... STC-SA4077NM-01 .....**$4,394.65**

PA-18 Short Tail Repair Section with Jackscrew Tower

FAA/PMA APPROVED

SIDE VIEW



PA-18 Short Tail Repair Section
with Jackscrew Tower ..... STC-SA4077NM-02 .....**$2,601.00**

PA-18 Short Tail Repair Section w/o Jackscrew Tower

• *PA-18 short tail repair section without jackscrew tower*

U12183-TSK **$1,340.54**

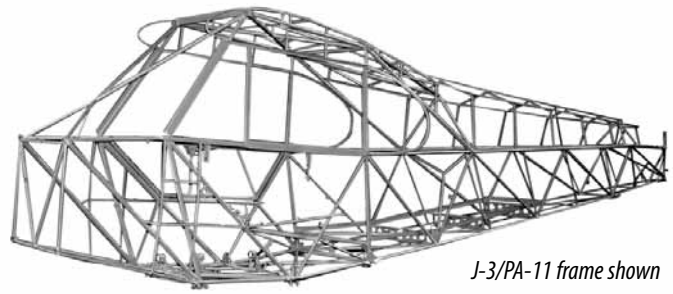
Piper Frames

Univair is now producing STC approved frames for Piper J-3, PA-11, and PA-18

J-3, PA-11, and PA-18 Frames – Standard Features

- STC approved
- Sandblasted and epoxy primed
- Upper and lower doors included
- Heavy duty tailwheel support is internally bushed
- Longerons are internally oiled and sealed
- All 4130 tube construction

J-3 Cub.....R24096-000 ...**$14,560.36**
PA-11 Cub Special .....R10560-000 ...**$14,560.36**
PA-18 Super Cub ..... J12446-006 ...**$12,954.00**
PA-18 Super Cub (same as above but
includes tabs for metal belly skins) ..... J12446-007 ...**$15,065.52**

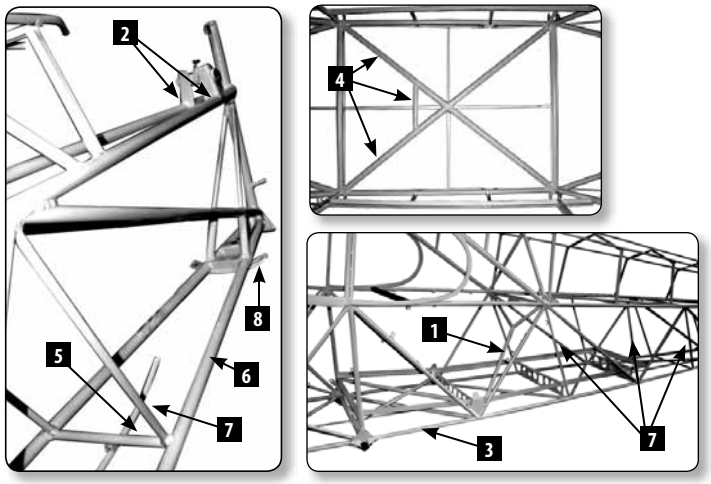


J-3/PA-11 frame shown

Univair PA-18 Frame – Standard Alaskan Features

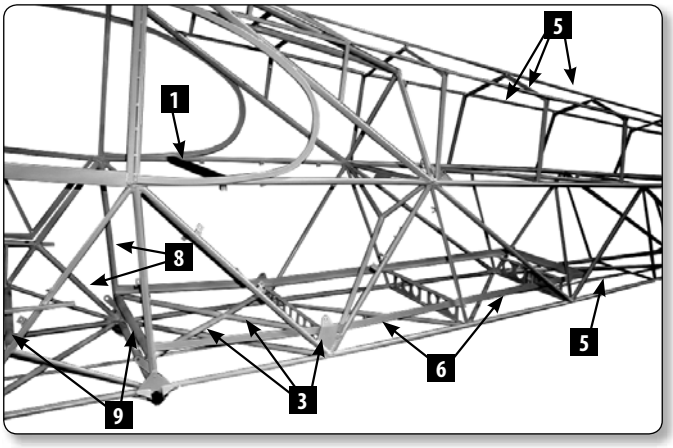
In addition to the standard features listed above, Univair PA-18 frames include the following STC Approved features:

1) PA-18 includes inverted "dog leg" brace behind baggage compartment
2) Internally sleeved upper longeron under horizontal stabilizer mount
3) Heavy duty .049" lower longeron in cabin aft to "factory" splice
4) Top cabin "X" brace
5) Additional tail section bracing
6) Extended internal sleeve in lower longeron up to the first longeron brace
7) Addition of small longeron brace tubes in each bay aft of cabin
8) STC Approved tail brace wire attachment eliminates AD
9) "X" braced tail



PA-18 Super Cub STC Approved Options and Modifications (Not Sold Separately)

- *Special order tabs or modifications i.e. for panels, cargo pods and inspection covers will apply*
- *Frame crating charges extra; see* ***Crating and Labor Charges*** *on page 393*



1) Removable Rear Seat Cross-Member ..... F1400-00 ..... **$198.31**
2) Shoulder Harness Attach Points (not shown) ..... F1400-01 ..... **$390.22**
3) Reinforced Baggage Floor and Tie Down Points ..... F1400-02 ..... **$332.65**
5) Tubular Keel and Stringers ⅜" welded in ..... F1400-04 ..... **$409.41**
5) Tubular Keel and Stringers ½" welded in ..... F1400-05 ..... **$409.41**
6) Extended Cabin Sleeping Compartment Channels and Supports (structures only approved) ..... F1400-06 ..... **$268.68**
7) Front Seat Belt Attach Points to Frame (not shown) ..... F1400-07 ..... **$185.51**
8) Heavy Duty Welded Float Fittings (F. Atlee Dodge) ..... F1400-08 ..... **$729.26**
9) Rear Seat Cross Tube without Spring Holes ..... F1400-29 ..... **No charge**
10) Extra Handholds on Longerons ..... F1400-28 ..... **$28.15**
11) Custom Window Frames for L-21 ..... F1400-22 ..... **$799.63**
12) Water Rudder Cable Tabs ..... F1400-24 ..... **$34.54**

PA-18 Modifications • STC Approved and Can Be Sold Separately

Shoulder Harness STC provides weld on attach points for both front and rear seat ..... STC-SA00248DE **$197.16**

"X" Bracing for Cabin STC provides extra strength and protection. STC includes paperwork and weld on X brace ..... STC-SA00083DE **$126.67**

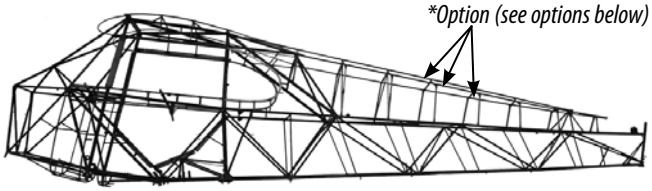
PMA Approved Frames for Piper PA-12 Super Cruiser

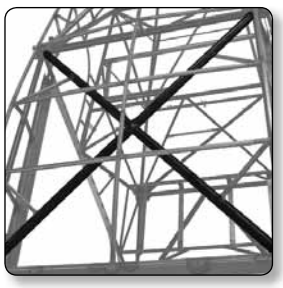
This is built similar to the later version of the Piper print for the PA-12; the main difference is the windshield attach point. This frame is for a square-top windshield. There is also some difference in the doors and door channels. Also, a difference in the rear seat area from earlier '47 models.

Standard upgrades included in base frame:

- X-brace in upper cabin
- Heavy duty tailspring attach tube
- Heavy duty tailbrace wire attach
- All 4130 tube construction (door not included)
- Rear baggage diagonal replaced with inverted dog leg

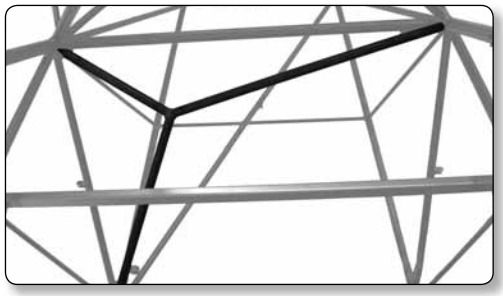
PA-12 Frame and Superstructure ..... U24066-000 ... **$17,234.72**





X Brace

Float Fitting



Inverted Dog Leg

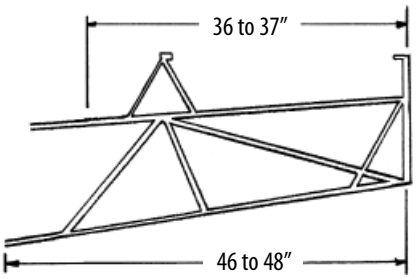
Options	Part #	Price
PA-18 style elevator cable routing (separate STC required)	F1401-00	**$114.84**
Cargo attach points (field approval)	F1401-01	**$175.96**
PA-18 landing gear attach (separate STC required)	F1401-02	**$172.26**
Floor mount seat belt attach points	F1401-04	**$185.51**
LH Tube from wing fitting to gear fitting – Seaplane Brace	F1401-06	**$126.32**
PA-14 Double Wishbone over baggage area	F1401-07	**$137.81**
F. Atlee Dodge float fittings and water rudder cable tabs (F. Atlee Dodge)	F1401-08	**$729.24**
Tubular Top Stringers (3) each	F1401-09	**$419.17**

PA-12 Service Assemblies

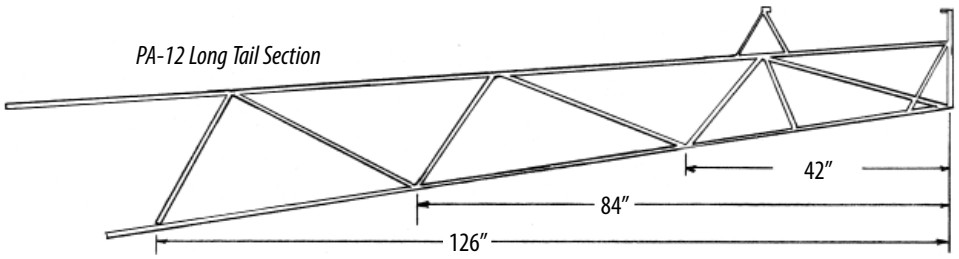
PA-12 Long Tail Section..... DA24056-200 .....**$3,910.33**
PA-12 Short Tail Section
(forward of Jack screw tower-aft)..... DA24056-201 .....**$2,417.40**

Jack Screw Tower ..... DA24056-202 ..... **$362.82**
Turtle Deck Arches.....DA21703-SET **$574.20**
Top Deck..... U24066-003 .....**$1,952.00**

PA-12 Short Tail Section

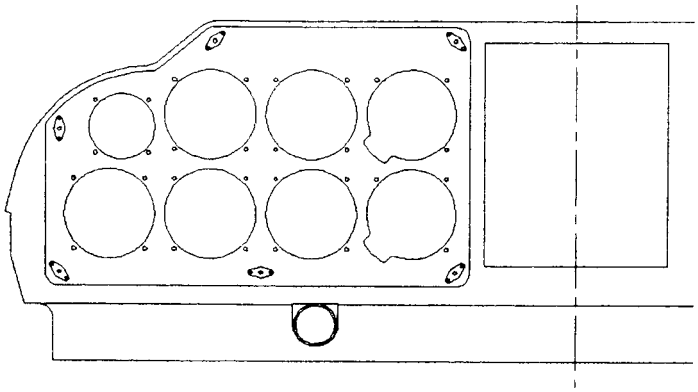


PA-12 Long Tail Section



PA-22 Instrument Panel Modifications

Application
The later model Tri-Pacers and Colts have a full gyro panel, identified by the raised portion on the left hand side. The production instrument panel was designed to accommodate the AN style instruments available at the time the airplanes were produced. Structural tubing behind the panel complicates the installation of deep instruments (such as a DG) low in the panel, hence the odd configurations seen in many airplanes.



Design Features
This modification (STC SA00428SE) upgrades the panel to use modern 3⅛″ instruments. It raises the location of all instruments and allows for the installation of typical DGs in the center of the "T" below the artificial horizon.

The modification has provisions for (7) 3⅛″ instruments and (1) 2¼″ instrument. The cutouts for the horizon and turn coordinator allow for leveling to correct for any installation misalignment. In the event the airplane is to be returned to the production configuration, this can be done in a manner which closely matches the original.

The Kit
The kit consists of a panel overlay with cutouts for the instruments. Placards and mounting hardware together with installation instructions and drawings are included.

Installation
The installation requires trimming the existing panel, deburring and touching up the trimmed areas and the installation of nut plates. No structural tubing needs to be cut.

Approval
After installing the modification, a Form 337 must be completed and signed by an AI confirming that the installation was done per the STC. A record of each aircraft modified will be kept.

The installation of new 3⅛″ instruments is not a part of this STC and will require a separate Form 337.

Kit for PA-22-150/160..... 92WD005100-1 .....$269.39
Kit for PA-22-108 Colt..... 92WD005100-501 .....$219.83

Price and availability subject to change without notice • Univair's Toll Free Sales: 1-888-433-5433

Authentic Piper Decals

1	2	3
4	5	6
7	8	9
10	11	12
13	14	15

Visit our website at www.univair.com to see these decals in color

#	Description	Part #	Price
1)	J-3, J-4, J-5 "Bear Cub", brown and red/black trim	10206-000	**$12.50**
2)	PA-11 "Piper Cub Special"		
	1947-48, yellow letters/red trim	10749-000-Y/R	**$11.99**
	1949, brown letters/black trim	10749-000-BRN	**$11.27**
3)	PA-12 "Piper Super Cruiser"		
	Cream letters/red trim	10208-000	**$11.00**
4)	PA-14 1949 "Piper Family Cruiser"		
	Gold letters/black trim	12185-000G	**$7.75**
	Red letters/black trim	12185-000R	**$5.75**
5)	PA-15 "Piper Cub Vagabond", blue letters	11714-000	**$14.02**
6)	PA-17 "Trainer"		
	Blue letters, used with "Vagabond" decal	11214-000	**$14.50**
7)	PA-16 "Piper Clipper", gold and red letters/black trim	12186-000	**$13.96**
8)	PA-18 "Piper Super Cub"		
	Gold and yellow letters/black trim	CS-PA18GBY	**$11.00**
	Gold and red letters/black trim	CS-PA18GRB	**$13.74**
9)	PA-20 "Piper Pacer", gold letters/black trim	CS-PA20	**$7.85**
	PA-20 " Piper Pacer", silver letters/black trim	CS-PA20S	**$7.85**
10)	PA-22/20 "Piper Super Pacer" conversions		
	Silver letters/black trim	CS-PA22-20	**$9.94**
	Gold letters/black trim	CS-PA22-20G	**$11.99**
11)	"Piper Super Cub", white letters	60753-002	**$29.62**
12)	PA-18 "Super Cub", white letters	15098-000	**$21.82**
13)	PA-18 "Piper", red letters	22859-000	**$9.78**
14)	"Piper", cream letters	456-501	**$21.40**
15)	Piper logo; yellow on black	CS12763-000	**$17.00**

"Super Cub"
Photo by Michael Hays, Seattle, WA

Piper Blank Skins

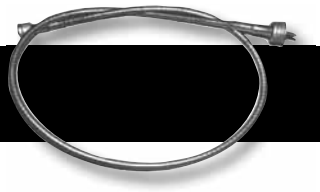
LEADING, TRAILING EDGES AND FALSE SPARS

Part Based on:	Part Number	Description	Length	Price
10630	CSI-1018	Wing Leading Edge, Inboard (with Tank) PA-18 and PA-22 Style	31.5″	**$96.06**
11670	CSI-1019-065	False Spar, PA-18 Style Outboard Flap Bay	65″	**$45.63**
11670	CSI-1019-096	False Spar, PA-18 Style Outboard Flap Bay	96″	**$51.39**
11684	CSI-1020-072	Trailing Edge, Flap and Aileron	72″	**$60.44**
12795	CSI-1023-068	Fairing, PA-18 Style Flap Gap Seal	68″	**$39.86**
13072	CSI-1024	Leading Edge, Outboard Section, J-3, PA-11, PA-18 and PA-22	48″	**$65.68**
14387	CSI-1026	Wing Leading Edge, Center Inboard, PA-18 Style	34″	**$82.42**
14389	CSI-1027-060	Wing Leading Edge, Center Outboard, PA-18 Style	60″	**$103.34**
14389	CSI-1027-072	Wing Leading Edge, Center Outboard, PA-18 Style	72″	**$133.40**
15572	CSI-1029-060	False Spar, PA-18 Style Aileron Bay	60″	**$39.13**
15572	CSI-1029-096	False Spar, PA-18 Style Aileron Bay	96″	**$56.00**
15593	CSI-1020-096	Trailing Edge, Wing (J-3, PA-11, PA-18-195) Flap and Aileron	96″	**$69.02**
16512	CSI-1030	False Spar, PA-12/14 Style Aileron Bay	60″	**$62.77**
40401	CSI-1031-108	Aileron Leading Edge, PA-12/14 Style	108″	**$67.32**
40471	CSI-1032-060	Aileron Leading Edge, PA-18 Style	60″	**$40.68**
60752	CSI-1033	Pulley Cover (Teardrop), Aluminum	-	**$35.80**
10058-000	CSI-1013-096	Rear Window Channel Material, J-3, PA-11, PA-18, PA-22 Style	96″	**$52.82**
10116-002	CSI-1014	Wing Leading Edge, PA-12/14 Style, 5052-H34 aluminum, .020″ thick	36⅝″	**$49.15**
10116-004	CSI-1015	Wing Leading Edge, PA-12/14 Style, 5052-H34 aluminum, .020″ thick	72″	**$78.03**
10116-006	CSI-1016	Wing Leading Edge, PA-12/14 Style, 5052-H34 aluminum, .020″ thick	63⅞″	**$68.50**
12192-004	CSI-1021	Leading Edge, J-4 and J-5 Style	72″	**$111.23**
12192-005	CSI-1022	Leading Edge, J-4 and J-5 Style	49″	**$105.94**
12478-000	U12478-000	Flap Spar, PA-22	52″	**$27.40**
12478-002	U12478-002	Flap Spar, PA-18	62.5″	**$47.03**
42972-000	U42972-000	Aileron Spar, J-3, PA-11, PA-18	102.13″	**$67.76**

SPAR AND STRINGER BLANKS

Part Based on:	Part Number	Description	Note	Length	Price
N/A	1023	Rear Spar Blank – Aluminum	*	195″	**$158.38**
N/A	1334	Front Spar Blank – Aluminum	*	204″	**$242.05**
14978	1232-162	Large Stringer Blank – Aluminum (0.890″ x 0.380″)	*	162″	**$50.23**
14979	1231-157	Small Stringer Blank – Aluminum (0.508″ x 0.250″)	*	157″	**$25.11**
14983	1232-120	Large Stringer Blank – Aluminum (0.890″ x 0.380″)	*	120″	**$40.94**
14984	1232-120	Large Stringer Blank – Aluminum (0.890″ x 0.380″)	*	120″	**$40.94**

**Must be shipped via motor freight*



Piper Tachometer Cables

FAA/PMA APPROVED

Piper Part #	Piper Aircraft Applicability				Univair Part Number: Recording Tachometers	Univair Part Number: PMA'd Applications Non-Recording Tachometers	Price
486-574	PA-18-150 PA-18A-135*	PA-18S-150 PA-18A-150*	PA-18AS-150 *(Restricted)*	PA-18A*	U1713-R250	—	**$92.61**
486-564	PA-28-235				U1713-R260	—	**$111.48**
486-588	PA-28-235				U1713-R280	—	**$111.48**
796-099	J3C-40 ARMY L-4 NAVY NE-1 J3F-50S ARMY L-4D J3L-65	J3C-50 L-4A NE-2 J3F-60 J3F-65S ARMY L-4C	J3C-50S L-4B J3C-65S J3F-60S J3L J3L-65S	J-3C-65 L-4HL-4J J3F-50 J3F-65 J3L-S	U1713-R295	—	**$111.48**
486-576	PA-24-250	PA-28-235			U1713-R300	—	**$111.48**
486-099	J3C-40 ARMY L-4 NAVY NE-1 J3F-50S ARMY L-4D J3L-65	J3C-50 L-4A NE-2 J3F-60 J3F-65S ARMY L-4C	J3C-50S L-4B J3C-65S J3F-60S J3L J3L-65S	J-3C-65 L-4HL-4J J3F-50 J3F-65 J3L-S	—	U1713-N310	**$111.48**
486-565	J3C-40 ARMY L-4 NAVY NE-1 J3F-50S J3F-65S J3L-65 PA-12S PA-16S PA-18 PA-18A-135 PA-18S-125 PA-18S-105	J3C-50 L-4A NE-2 J3F-60 ARMY L-4C PA-11 PA-14 PA-17 PA-18-125 PA-18-105 PA-18S-135	J3C-50S L-4B J3C-65S J3F-60S L-4D PA-11S PA-15 PA-19 PA-18A PA-18S PA-18AS-125	J-3C-65 L-4HL-4J J3F-50 J3F65 J3L J3L-S PA-12 PA-16 ARMY L-18C PA-18-135 PA-19S PA-18AS-135	U1713-R325	—	**$111.48**
486-570	PA-20 PA-20-135 PA-22S-135 PA-22S-160 PA-28-160	PA-20S PA-20S-135 PA-22-150 PA-22-108 PA-28-180	PA-20-115 PA-22 PA-22S-150 PA-28-140 PA-28S-160	PA-20S-115 PA-22-135 PA-22-160 PA-28-150 PA-28S-180	U1713-R325	—	**$111.48**
485-565	J3C-40 ARMY L-4 NAVY NE-1 J3F-50S J3F-65S J3L-65 PA-12S PA-16S PA-18 PA-18A-135 PA-18S-125 PA-18S-105	J3C-50 L-4A NE-2 J3F-60 ARMY L-4C PA-11 PA-14 PA-17 PA-18-125 PA-18-105 PA-18S-135	J3C-50S L-4B J3C-65S J3F-60S L-4D PA-11S PA-15 PA-19 PA-18A PA-18S PA-18AS-125	J-3C-65 L-4HL-4J J3F-50 J3F65 J3L J3L-S PA-12 PA-16 ARMY L-18C PA-18-135 PA-19S PA-18AS-135	—	U1713-N340	**$111.48**
486-575	PA-24 PA-28R-180	PA-24-250 PA-28R-200	PA-24-260	PA-24-400	U1713-R350	—	**$111.48**
486-580	PA-24				U1713-R375	—	**$111.48**
486-582	PA-24				U1713-R425	—	**$111.48**